

# **Appendix D**

## **Analytical Data for CLP Analyses**



**Flat Creek IMM Superfund Site**  
**OU1 Final Remedial Investigation Report**  
**September 15, 2011**

## Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                         |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY001-NSB-B  | 09FC-RY001-NSB-B-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | ALUMINUM      | 20            | Y           |               |              |           | 20                  | mg/kg | 4180   | mg/kg |
| RY001-NSB-B  | 09FC-RY001-NSB-B-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | IRON          | 10            | Y           |               |              |           | 10                  | mg/kg | 6830   | mg/kg |
| RY001-NSB-B  | 09FC-RY001-NSB-B-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | LEAD          | 1             | Y           | J+            | J+           |           | 1                   | mg/kg | 29     | mg/kg |
| RY001-NSB-B  | 09FC-RY001-NSB-B-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | MAGNESIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 2550   | mg/kg |
| RY001-NSB-B  | 09FC-RY001-NSB-B-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | MANGANESE     | 1.5           | Y           |               |              |           | 1.5                 | mg/kg | 291    | mg/kg |
| RY001-NSB-B  | 09FC-RY001-NSB-B-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | NICKEL        | 4             | Y           |               |              |           | 4                   | mg/kg | 5.2    | mg/kg |
| RY001-NSB-B  | 09FC-RY001-NSB-B-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | POTASSIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 1200   | mg/kg |
| RY001-NSB-B  | 09FC-RY001-NSB-B-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | SILVER        | 1             | N           | UJ            | UJ           | U         | 1                   | mg/kg | 1      | mg/kg |
| RY001-NSB-B  | 09FC-RY001-NSB-B-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | SODIUM        | 500           | N           | U             |              | U         | 500                 | mg/kg | 517    | mg/kg |
| RY001-NSB-B  | 09FC-RY001-NSB-B-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY001-NSB-B  | 09FC-RY001-NSB-B-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | ANTIMONY      | 6             | N           | U             |              | U         | 6                   | mg/kg | 6.2    | mg/kg |
| RY001-NSB-B  | 09FC-RY001-NSB-B-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | ARSENIC       | 1             | Y           |               |              |           | 1                   | mg/kg | 2.4    | mg/kg |
| RY001-NSB-B  | 09FC-RY001-NSB-B-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | BARIUM        | 20            | Y           |               |              |           | 20                  | mg/kg | 98     | mg/kg |
| RY001-NSB-B  | 09FC-RY001-NSB-B-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | BERYLLIUM     | 0.5           | Y           | J             |              | J         | 0.5                 | mg/kg | 0.19   | mg/kg |
| RY001-NSB-B  | 09FC-RY001-NSB-B-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | CADMIUM       | 0.5           | N           | U             |              | U         | 0.5                 | mg/kg | 0.52   | mg/kg |
| RY001-NSB-B  | 09FC-RY001-NSB-B-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | CHROMIUM      | 1             | Y           |               |              |           | 1                   | mg/kg | 5.4    | mg/kg |
| RY001-NSB-B  | 09FC-RY001-NSB-B-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | COBALT        | 5             | Y           | J             |              | J         | 5                   | mg/kg | 4.3    | mg/kg |
| RY001-NSB-B  | 09FC-RY001-NSB-B-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | COPPER        | 2.5           | Y           |               |              |           | 2.5                 | mg/kg | 6.3    | mg/kg |
| RY001-NSB-B  | 09FC-RY001-NSB-B-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | VANADIUM      | 5             | Y           |               |              |           | 5                   | mg/kg | 9.7    | mg/kg |
| RY001-NSB-B  | 09FC-RY001-NSB-B-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | ZINC          | 6             | Y           |               |              |           | 6                   | mg/kg | 27.3   | mg/kg |
| RY001-NSB-B  | 09FC-RY001-NSB-B-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | CALCIUM       | 500           | Y           |               |              |           | 500                 | mg/kg | 1370   | mg/kg |
| RY001-NSB-B  | 09FC-RY001-NSB-B-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | SELENIUM      | 3.5           | N           | U             |              | U         | 3.5                 | mg/kg | 3.6    | mg/kg |
| RY001-NSS-D  | 09FC-RY001-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ALUMINUM      | 20            | Y           |               |              |           | 20                  | mg/kg | 4360   | mg/kg |
| RY001-NSS-D  | 09FC-RY001-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | IRON          | 10            | Y           |               |              |           | 10                  | mg/kg | 8620   | mg/kg |
| RY001-NSS-D  | 09FC-RY001-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | LEAD          | 1             | Y           | J+            | J+           |           | 1                   | mg/kg | 10.5   | mg/kg |
| RY001-NSS-D  | 09FC-RY001-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | MAGNESIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 4170   | mg/kg |
| RY001-NSS-D  | 09FC-RY001-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | MANGANESE     | 1.5           | Y           |               |              |           | 1.5                 | mg/kg | 227    | mg/kg |
| RY001-NSS-D  | 09FC-RY001-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | NICKEL        | 4             | Y           |               |              |           | 4                   | mg/kg | 8.1    | mg/kg |
| RY001-NSS-D  | 09FC-RY001-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | POTASSIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 957    | mg/kg |
| RY001-NSS-D  | 09FC-RY001-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SILVER        | 1             | N           | UJ            | UJ           | U         | 1                   | mg/kg | 1      | mg/kg |
| RY001-NSS-D  | 09FC-RY001-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SODIUM        | 500           | N           | U             |              | U         | 500                 | mg/kg | 520    | mg/kg |
| RY001-NSS-D  | 09FC-RY001-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY001-NSS-D  | 09FC-RY001-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ANTIMONY      | 6             | N           | U             |              | U         | 6                   | mg/kg | 6.2    | mg/kg |
| RY001-NSS-D  | 09FC-RY001-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ARSENIC       | 1             | Y           |               |              |           | 1                   | mg/kg | 7.2    | mg/kg |
| RY001-NSS-D  | 09FC-RY001-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | BARIUM        | 20            | Y           |               |              |           | 20                  | mg/kg | 72.4   | mg/kg |
| RY001-NSS-D  | 09FC-RY001-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | BERYLLIUM     | 0.5           | Y           | J             |              | J         | 0.5                 | mg/kg | 0.26   | mg/kg |
| RY001-NSS-D  | 09FC-RY001-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CADMIUM       | 0.5           | N           | U             |              | U         | 0.5                 | mg/kg | 0.52   | mg/kg |
| RY001-NSS-D  | 09FC-RY001-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CHROMIUM      | 1             | Y           |               |              |           | 1                   | mg/kg | 5.2    | mg/kg |
| RY001-NSS-D  | 09FC-RY001-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | COBALT        | 5             | Y           |               |              |           | 5                   | mg/kg | 5.8    | mg/kg |
| RY001-NSS-D  | 09FC-RY001-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | COPPER        | 2.5           | Y           |               |              |           | 2.5                 | mg/kg | 13.7   | mg/kg |
| RY001-NSS-D  | 09FC-RY001-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | VANADIUM      | 5             | Y           |               |              |           | 5                   | mg/kg | 9.2    | mg/kg |
| RY001-NSS-D  | 09FC-RY001-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ZINC          | 6             | Y           |               |              |           | 6                   | mg/kg | 84.9   | mg/kg |
| RY001-NSS-D  | 09FC-RY001-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CALCIUM       | 500           | Y           |               |              |           | 500                 | mg/kg | 24300  | mg/kg |
| RY001-NSS-D  | 09FC-RY001-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SELENIUM      | 3.5           | N           | U             |              | U         | 3.5                 | mg/kg | 3.6    | mg/kg |
| RY005-NSS-A  | 09FC-RY005-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ALUMINUM      | 20            | Y           |               |              |           | 20                  | mg/kg | 5160   | mg/kg |
| RY005-NSS-A  | 09FC-RY005-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | IRON          | 10            | Y           |               |              |           | 10                  | mg/kg | 7250   | mg/kg |
| RY005-NSS-A  | 09FC-RY005-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | LEAD          | 1             | Y           | J+            | J+           |           | 1                   | mg/kg | 31.3   | mg/kg |
| RY005-NSS-A  | 09FC-RY005-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | MAGNESIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 2500   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY005-NSS-A  | 09FC-RY005-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 323    | mg/kg |
| RY005-NSS-A  | 09FC-RY005-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 5.5    | mg/kg |
| RY005-NSS-A  | 09FC-RY005-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 805    | mg/kg |
| RY005-NSS-A  | 09FC-RY005-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SILVER        | 1                   | N           | UJ            | UJ           | U         | 1                   | mg/kg | 1      | mg/kg |
| RY005-NSS-A  | 09FC-RY005-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 524    | mg/kg |
| RY005-NSS-A  | 09FC-RY005-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY005-NSS-A  | 09FC-RY005-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ANTIMONY      | 6                   | N           | U             |              | U         | 6                   | mg/kg | 6.3    | mg/kg |
| RY005-NSS-A  | 09FC-RY005-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 3.5    | mg/kg |
| RY005-NSS-A  | 09FC-RY005-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 102    | mg/kg |
| RY005-NSS-A  | 09FC-RY005-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.23   | mg/kg |
| RY005-NSS-A  | 09FC-RY005-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CADMIUM       | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.41   | mg/kg |
| RY005-NSS-A  | 09FC-RY005-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 6.4    | mg/kg |
| RY005-NSS-A  | 09FC-RY005-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.3    | mg/kg |
| RY005-NSS-A  | 09FC-RY005-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 8.8    | mg/kg |
| RY005-NSS-A  | 09FC-RY005-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 9.7    | mg/kg |
| RY005-NSS-A  | 09FC-RY005-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 65.4   | mg/kg |
| RY005-NSS-A  | 09FC-RY005-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 2940   | mg/kg |
| RY005-NSS-A  | 09FC-RY005-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.7    | mg/kg |
| RY005-NSS-B  | 09FC-RY005-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 4590   | mg/kg |
| RY005-NSS-B  | 09FC-RY005-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 6730   | mg/kg |
| RY005-NSS-B  | 09FC-RY005-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 38.2   | mg/kg |
| RY005-NSS-B  | 09FC-RY005-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2220   | mg/kg |
| RY005-NSS-B  | 09FC-RY005-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 262    | mg/kg |
| RY005-NSS-B  | 09FC-RY005-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 5      | mg/kg |
| RY005-NSS-B  | 09FC-RY005-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1030   | mg/kg |
| RY005-NSS-B  | 09FC-RY005-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SILVER        | 1                   | N           | UJ            | UJ           | U         | 1                   | mg/kg | 1.1    | mg/kg |
| RY005-NSS-B  | 09FC-RY005-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 574    | mg/kg |
| RY005-NSS-B  | 09FC-RY005-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.9    | mg/kg |
| RY005-NSS-B  | 09FC-RY005-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ANTIMONY      | 6                   | N           | U             |              | U         | 6                   | mg/kg | 6.9    | mg/kg |
| RY005-NSS-B  | 09FC-RY005-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 2.7    | mg/kg |
| RY005-NSS-B  | 09FC-RY005-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 110    | mg/kg |
| RY005-NSS-B  | 09FC-RY005-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.18   | mg/kg |
| RY005-NSS-B  | 09FC-RY005-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CADMIUM       | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.54   | mg/kg |
| RY005-NSS-B  | 09FC-RY005-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 6.1    | mg/kg |
| RY005-NSS-B  | 09FC-RY005-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4      | mg/kg |
| RY005-NSS-B  | 09FC-RY005-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 19.5   | mg/kg |
| RY005-NSS-B  | 09FC-RY005-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 8.7    | mg/kg |
| RY005-NSS-B  | 09FC-RY005-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 107    | mg/kg |
| RY005-NSS-B  | 09FC-RY005-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 2330   | mg/kg |
| RY005-NSS-B  | 09FC-RY005-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 4      | mg/kg |
| RY005-NSS-C  | 09FC-RY005-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 4710   | mg/kg |
| RY005-NSS-C  | 09FC-RY005-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 6670   | mg/kg |
| RY005-NSS-C  | 09FC-RY005-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 22.6   | mg/kg |
| RY005-NSS-C  | 09FC-RY005-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2330   | mg/kg |
| RY005-NSS-C  | 09FC-RY005-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 228    | mg/kg |
| RY005-NSS-C  | 09FC-RY005-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 5.3    | mg/kg |
| RY005-NSS-C  | 09FC-RY005-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1280   | mg/kg |
| RY005-NSS-C  | 09FC-RY005-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SILVER        | 1                   | N           | UJ            | UJ           | U         | 1                   | mg/kg | 1.1    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                         |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY005-NSS-C  | 09FC-RY005-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SODIUM        | 500           | N           | U             |              | U         | 500                 | mg/kg | 533    | mg/kg |
| RY005-NSS-C  | 09FC-RY005-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.7    | mg/kg |
| RY005-NSS-C  | 09FC-RY005-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ANTIMONY      | 6             | N           | U             |              | U         | 6                   | mg/kg | 6.4    | mg/kg |
| RY005-NSS-C  | 09FC-RY005-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ARSENIC       | 1             | Y           |               |              |           | 1                   | mg/kg | 2.6    | mg/kg |
| RY005-NSS-C  | 09FC-RY005-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | BARIUM        | 20            | Y           |               |              |           | 20                  | mg/kg | 96.2   | mg/kg |
| RY005-NSS-C  | 09FC-RY005-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | BERYLLIUM     | 0.5           | Y           | J             |              | J         | 0.5                 | mg/kg | 0.2    | mg/kg |
| RY005-NSS-C  | 09FC-RY005-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CADMIUM       | 0.5           | Y           | J             |              | J         | 0.5                 | mg/kg | 0.27   | mg/kg |
| RY005-NSS-C  | 09FC-RY005-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CHROMIUM      | 1             | Y           |               |              |           | 1                   | mg/kg | 5.1    | mg/kg |
| RY005-NSS-C  | 09FC-RY005-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | COBALT        | 5             | Y           | J             |              | J         | 5                   | mg/kg | 4.3    | mg/kg |
| RY005-NSS-C  | 09FC-RY005-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | COPPER        | 2.5           | Y           |               |              |           | 2.5                 | mg/kg | 8.9    | mg/kg |
| RY005-NSS-C  | 09FC-RY005-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | VANADIUM      | 5             | Y           |               |              |           | 5                   | mg/kg | 9.1    | mg/kg |
| RY005-NSS-C  | 09FC-RY005-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ZINC          | 6             | Y           |               |              |           | 6                   | mg/kg | 79.5   | mg/kg |
| RY005-NSS-C  | 09FC-RY005-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CALCIUM       | 500           | Y           |               |              |           | 500                 | mg/kg | 2080   | mg/kg |
| RY005-NSS-C  | 09FC-RY005-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SELENIUM      | 3.5           | N           | U             |              | U         | 3.5                 | mg/kg | 3.7    | mg/kg |
| RY006-NSB-A  | 09FC-RY006-NSB-A-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | ALUMINUM      | 20            | Y           |               |              |           | 20                  | mg/kg | 4910   | mg/kg |
| RY006-NSB-A  | 09FC-RY006-NSB-A-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | IRON          | 10            | Y           |               |              |           | 10                  | mg/kg | 7580   | mg/kg |
| RY006-NSB-A  | 09FC-RY006-NSB-A-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | LEAD          | 1             | Y           | J+            | J+           |           | 1                   | mg/kg | 194    | mg/kg |
| RY006-NSB-A  | 09FC-RY006-NSB-A-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | MAGNESIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 2890   | mg/kg |
| RY006-NSB-A  | 09FC-RY006-NSB-A-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | MANGANESE     | 1.5           | Y           |               |              |           | 1.5                 | mg/kg | 293    | mg/kg |
| RY006-NSB-A  | 09FC-RY006-NSB-A-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | NICKEL        | 4             | Y           |               |              |           | 4                   | mg/kg | 6.6    | mg/kg |
| RY006-NSB-A  | 09FC-RY006-NSB-A-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | POTASSIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 1080   | mg/kg |
| RY006-NSB-A  | 09FC-RY006-NSB-A-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | SILVER        | 1             | Y           | J             | J            |           | 1                   | mg/kg | 2.2    | mg/kg |
| RY006-NSB-A  | 09FC-RY006-NSB-A-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | SODIUM        | 500           | N           | U             |              | U         | 500                 | mg/kg | 529    | mg/kg |
| RY006-NSB-A  | 09FC-RY006-NSB-A-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY006-NSB-A  | 09FC-RY006-NSB-A-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | ANTIMONY      | 6             | Y           |               |              |           | 6                   | mg/kg | 14     | mg/kg |
| RY006-NSB-A  | 09FC-RY006-NSB-A-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | ARSENIC       | 1             | Y           |               |              |           | 1                   | mg/kg | 27.9   | mg/kg |
| RY006-NSB-A  | 09FC-RY006-NSB-A-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | BARIUM        | 20            | Y           |               |              |           | 20                  | mg/kg | 98.4   | mg/kg |
| RY006-NSB-A  | 09FC-RY006-NSB-A-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | BERYLLIUM     | 0.5           | Y           | J             |              | J         | 0.5                 | mg/kg | 0.22   | mg/kg |
| RY006-NSB-A  | 09FC-RY006-NSB-A-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | CADMIUM       | 0.5           | Y           |               |              |           | 0.5                 | mg/kg | 0.99   | mg/kg |
| RY006-NSB-A  | 09FC-RY006-NSB-A-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | CHROMIUM      | 1             | Y           |               |              |           | 1                   | mg/kg | 8.4    | mg/kg |
| RY006-NSB-A  | 09FC-RY006-NSB-A-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | COBALT        | 5             | Y           | J             |              | J         | 5                   | mg/kg | 5      | mg/kg |
| RY006-NSB-A  | 09FC-RY006-NSB-A-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | COPPER        | 2.5           | Y           |               |              |           | 2.5                 | mg/kg | 11.2   | mg/kg |
| RY006-NSB-A  | 09FC-RY006-NSB-A-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | VANADIUM      | 5             | Y           |               |              |           | 5                   | mg/kg | 9.4    | mg/kg |
| RY006-NSB-A  | 09FC-RY006-NSB-A-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | ZINC          | 6             | Y           |               |              |           | 6                   | mg/kg | 149    | mg/kg |
| RY006-NSB-A  | 09FC-RY006-NSB-A-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | CALCIUM       | 500           | Y           |               |              |           | 500                 | mg/kg | 5270   | mg/kg |
| RY006-NSB-A  | 09FC-RY006-NSB-A-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | SELENIUM      | 3.5           | N           | U             |              | U         | 3.5                 | mg/kg | 3.7    | mg/kg |
| RY006-NSB-D  | 09FC-RY006-NSB-D-002006 | 8/3/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | ALUMINUM      | 20            | Y           |               |              |           | 20                  | mg/kg | 4430   | mg/kg |
| RY006-NSB-D  | 09FC-RY006-NSB-D-002006 | 8/3/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | IRON          | 10            | Y           |               |              |           | 10                  | mg/kg | 14000  | mg/kg |
| RY006-NSB-D  | 09FC-RY006-NSB-D-002006 | 8/3/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | LEAD          | 1             | Y           | J+            | J+           |           | 1                   | mg/kg | 873    | mg/kg |
| RY006-NSB-D  | 09FC-RY006-NSB-D-002006 | 8/3/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | MAGNESIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 4360   | mg/kg |
| RY006-NSB-D  | 09FC-RY006-NSB-D-002006 | 8/3/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | MANGANESE     | 1.5           | Y           |               |              |           | 1.5                 | mg/kg | 579    | mg/kg |
| RY006-NSB-D  | 09FC-RY006-NSB-D-002006 | 8/3/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | NICKEL        | 4             | Y           |               |              |           | 4                   | mg/kg | 7.5    | mg/kg |
| RY006-NSB-D  | 09FC-RY006-NSB-D-002006 | 8/3/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | POTASSIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 1330   | mg/kg |
| RY006-NSB-D  | 09FC-RY006-NSB-D-002006 | 8/3/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | SILVER        | 1             | Y           |               |              |           | 1                   | mg/kg | 7      | mg/kg |
| RY006-NSB-D  | 09FC-RY006-NSB-D-002006 | 8/3/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | SODIUM        | 500           | N           | U             |              | U         | 500                 | mg/kg | 510    | mg/kg |
| RY006-NSB-D  | 09FC-RY006-NSB-D-002006 | 8/3/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY006-NSB-D  | 09FC-RY006-NSB-D-002006 | 8/3/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | ANTIMONY      | 6             | Y           |               |              |           | 6                   | mg/kg | 92     | mg/kg |
| RY006-NSB-D  | 09FC-RY006-NSB-D-002006 | 8/3/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | ARSENIC       | 1             | Y           |               |              |           | 1                   | mg/kg | 186    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY006-NSB-D  | 09FC-RY006-NSB-D-002006 | 8/3/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 125    | mg/kg |
| RY006-NSB-D  | 09FC-RY006-NSB-D-002006 | 8/3/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.22   | mg/kg |
| RY006-NSB-D  | 09FC-RY006-NSB-D-002006 | 8/3/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 4.8    | mg/kg |
| RY006-NSB-D  | 09FC-RY006-NSB-D-002006 | 8/3/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 7      | mg/kg |
| RY006-NSB-D  | 09FC-RY006-NSB-D-002006 | 8/3/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.3    | mg/kg |
| RY006-NSB-D  | 09FC-RY006-NSB-D-002006 | 8/3/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 13.4   | mg/kg |
| RY006-NSB-D  | 09FC-RY006-NSB-D-002006 | 8/3/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 8.9    | mg/kg |
| RY006-NSB-D  | 09FC-RY006-NSB-D-002006 | 8/3/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 506    | mg/kg |
| RY006-NSB-D  | 09FC-RY006-NSB-D-002006 | 8/3/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 9520   | mg/kg |
| RY006-NSB-D  | 09FC-RY006-NSB-D-002006 | 8/3/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.6    | mg/kg |
| RY006-NSB-D  | 09FC-RY006-NSB-D-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 5440   | mg/kg |
| RY006-NSB-D  | 09FC-RY006-NSB-D-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 11800  | mg/kg |
| RY006-NSB-D  | 09FC-RY006-NSB-D-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 222    | mg/kg |
| RY006-NSB-D  | 09FC-RY006-NSB-D-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3530   | mg/kg |
| RY006-NSB-D  | 09FC-RY006-NSB-D-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 332    | mg/kg |
| RY006-NSB-D  | 09FC-RY006-NSB-D-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 8.1    | mg/kg |
| RY006-NSB-D  | 09FC-RY006-NSB-D-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1440   | mg/kg |
| RY006-NSB-D  | 09FC-RY006-NSB-D-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | SILVER        | 1                   | Y           |               |              |           | 1                   | mg/kg | 1.3    | mg/kg |
| RY006-NSB-D  | 09FC-RY006-NSB-D-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 514    | mg/kg |
| RY006-NSB-D  | 09FC-RY006-NSB-D-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY006-NSB-D  | 09FC-RY006-NSB-D-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | ANTIMONY      | 6                   | Y           |               |              |           | 6                   | mg/kg | 18.1   | mg/kg |
| RY006-NSB-D  | 09FC-RY006-NSB-D-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 35.9   | mg/kg |
| RY006-NSB-D  | 09FC-RY006-NSB-D-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 122    | mg/kg |
| RY006-NSB-D  | 09FC-RY006-NSB-D-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.24   | mg/kg |
| RY006-NSB-D  | 09FC-RY006-NSB-D-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 3.7    | mg/kg |
| RY006-NSB-D  | 09FC-RY006-NSB-D-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 8.3    | mg/kg |
| RY006-NSB-D  | 09FC-RY006-NSB-D-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 5      | mg/kg |
| RY006-NSB-D  | 09FC-RY006-NSB-D-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 16.1   | mg/kg |
| RY006-NSB-D  | 09FC-RY006-NSB-D-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 10.7   | mg/kg |
| RY006-NSB-D  | 09FC-RY006-NSB-D-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 533    | mg/kg |
| RY006-NSB-D  | 09FC-RY006-NSB-D-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 4310   | mg/kg |
| RY006-NSB-D  | 09FC-RY006-NSB-D-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.6    | mg/kg |
| RY006-NSS-A  | 09FC-RY006-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 5460   | mg/kg |
| RY006-NSS-A  | 09FC-RY006-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 8320   | mg/kg |
| RY006-NSS-A  | 09FC-RY006-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 69.5   | mg/kg |
| RY006-NSS-A  | 09FC-RY006-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2660   | mg/kg |
| RY006-NSS-A  | 09FC-RY006-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 237    | mg/kg |
| RY006-NSS-A  | 09FC-RY006-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.6    | mg/kg |
| RY006-NSS-A  | 09FC-RY006-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1080   | mg/kg |
| RY006-NSS-A  | 09FC-RY006-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SILVER        | 1                   | Y           | J             |              | J         | 1                   | mg/kg | 0.38   | mg/kg |
| RY006-NSS-A  | 09FC-RY006-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 538    | mg/kg |
| RY006-NSS-A  | 09FC-RY006-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.7    | mg/kg |
| RY006-NSS-A  | 09FC-RY006-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ANTIMONY      | 6                   | Y           | J             |              | J         | 6                   | mg/kg | 3.4    | mg/kg |
| RY006-NSS-A  | 09FC-RY006-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 8.9    | mg/kg |
| RY006-NSS-A  | 09FC-RY006-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 99.3   | mg/kg |
| RY006-NSS-A  | 09FC-RY006-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.22   | mg/kg |
| RY006-NSS-A  | 09FC-RY006-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 0.63   | mg/kg |
| RY006-NSS-A  | 09FC-RY006-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 6.8    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY006-NSS-A  | 09FC-RY006-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.7    | mg/kg |
| RY006-NSS-A  | 09FC-RY006-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 13.4   | mg/kg |
| RY006-NSS-A  | 09FC-RY006-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 11.8   | mg/kg |
| RY006-NSS-A  | 09FC-RY006-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 118    | mg/kg |
| RY006-NSS-A  | 09FC-RY006-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 4560   | mg/kg |
| RY006-NSS-A  | 09FC-RY006-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.8    | mg/kg |
| RY006-NSS-B  | 09FC-RY006-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 5000   | mg/kg |
| RY006-NSS-B  | 09FC-RY006-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 7450   | mg/kg |
| RY006-NSS-B  | 09FC-RY006-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 29.7   | mg/kg |
| RY006-NSS-B  | 09FC-RY006-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2280   | mg/kg |
| RY006-NSS-B  | 09FC-RY006-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 274    | mg/kg |
| RY006-NSS-B  | 09FC-RY006-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 5.3    | mg/kg |
| RY006-NSS-B  | 09FC-RY006-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 833    | mg/kg |
| RY006-NSS-B  | 09FC-RY006-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 1.1    | mg/kg |
| RY006-NSS-B  | 09FC-RY006-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 565    | mg/kg |
| RY006-NSS-B  | 09FC-RY006-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.8    | mg/kg |
| RY006-NSS-B  | 09FC-RY006-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ANTIMONY      | 6                   | N           | U             |              | U         | 6                   | mg/kg | 6.8    | mg/kg |
| RY006-NSS-B  | 09FC-RY006-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 2.9    | mg/kg |
| RY006-NSS-B  | 09FC-RY006-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 106    | mg/kg |
| RY006-NSS-B  | 09FC-RY006-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.19   | mg/kg |
| RY006-NSS-B  | 09FC-RY006-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CADMIUM       | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.23   | mg/kg |
| RY006-NSS-B  | 09FC-RY006-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 6.2    | mg/kg |
| RY006-NSS-B  | 09FC-RY006-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.3    | mg/kg |
| RY006-NSS-B  | 09FC-RY006-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 11.7   | mg/kg |
| RY006-NSS-B  | 09FC-RY006-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 10.9   | mg/kg |
| RY006-NSS-B  | 09FC-RY006-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 61.8   | mg/kg |
| RY006-NSS-B  | 09FC-RY006-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 2370   | mg/kg |
| RY006-NSS-B  | 09FC-RY006-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 4      | mg/kg |
| RY006-NSS-C  | 09FC-RY006-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 6150   | mg/kg |
| RY006-NSS-C  | 09FC-RY006-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 8190   | mg/kg |
| RY006-NSS-C  | 09FC-RY006-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 25.9   | mg/kg |
| RY006-NSS-C  | 09FC-RY006-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2830   | mg/kg |
| RY006-NSS-C  | 09FC-RY006-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 479    | mg/kg |
| RY006-NSS-C  | 09FC-RY006-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6      | mg/kg |
| RY006-NSS-C  | 09FC-RY006-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1740   | mg/kg |
| RY006-NSS-C  | 09FC-RY006-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 1.4    | mg/kg |
| RY006-NSS-C  | 09FC-RY006-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 689    | mg/kg |
| RY006-NSS-C  | 09FC-RY006-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 3.4    | mg/kg |
| RY006-NSS-C  | 09FC-RY006-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ANTIMONY      | 6                   | N           | U             |              | U         | 6                   | mg/kg | 8.3    | mg/kg |
| RY006-NSS-C  | 09FC-RY006-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 8.5    | mg/kg |
| RY006-NSS-C  | 09FC-RY006-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 165    | mg/kg |
| RY006-NSS-C  | 09FC-RY006-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | BERYLLIUM     | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.69   | mg/kg |
| RY006-NSS-C  | 09FC-RY006-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CADMIUM       | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.44   | mg/kg |
| RY006-NSS-C  | 09FC-RY006-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 7.4    | mg/kg |
| RY006-NSS-C  | 09FC-RY006-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.4    | mg/kg |
| RY006-NSS-C  | 09FC-RY006-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 25     | mg/kg |
| RY006-NSS-C  | 09FC-RY006-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 10.8   | mg/kg |
| RY006-NSS-C  | 09FC-RY006-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 329    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY006-NSS-C  | 09FC-RY006-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 16900  | mg/kg |
| RY006-NSS-C  | 09FC-RY006-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 4.8    | mg/kg |
| RY006-NSS-D  | 09FC-RY006-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 4530   | mg/kg |
| RY006-NSS-D  | 09FC-RY006-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 27000  | mg/kg |
| RY006-NSS-D  | 09FC-RY006-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 3150   | mg/kg |
| RY006-NSS-D  | 09FC-RY006-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2790   | mg/kg |
| RY006-NSS-D  | 09FC-RY006-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 1250   | mg/kg |
| RY006-NSS-D  | 09FC-RY006-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 7.2    | mg/kg |
| RY006-NSS-D  | 09FC-RY006-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1320   | mg/kg |
| RY006-NSS-D  | 09FC-RY006-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SILVER        | 1                   | Y           |               |              |           | 1                   | mg/kg | 26.5   | mg/kg |
| RY006-NSS-D  | 09FC-RY006-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 553    | mg/kg |
| RY006-NSS-D  | 09FC-RY006-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.8    | mg/kg |
| RY006-NSS-D  | 09FC-RY006-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ANTIMONY      | 6                   | Y           |               |              |           | 6                   | mg/kg | 346    | mg/kg |
| RY006-NSS-D  | 09FC-RY006-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 790    | mg/kg |
| RY006-NSS-D  | 09FC-RY006-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | BARIIUM       | 20                  | Y           |               |              |           | 20                  | mg/kg | 97.6   | mg/kg |
| RY006-NSS-D  | 09FC-RY006-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.2    | mg/kg |
| RY006-NSS-D  | 09FC-RY006-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 13.4   | mg/kg |
| RY006-NSS-D  | 09FC-RY006-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 6.8    | mg/kg |
| RY006-NSS-D  | 09FC-RY006-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 5.5    | mg/kg |
| RY006-NSS-D  | 09FC-RY006-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 29.1   | mg/kg |
| RY006-NSS-D  | 09FC-RY006-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 12.5   | mg/kg |
| RY006-NSS-D  | 09FC-RY006-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 1060   | mg/kg |
| RY006-NSS-D  | 09FC-RY006-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 5450   | mg/kg |
| RY006-NSS-D  | 09FC-RY006-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.9    | mg/kg |
| RY007-DSB-A  | 09FC-RY007-DSB-A-006012 | 8/4/2009    | FD          | 6           | 12        | in         | C200.7          | 8/22/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 5430   | mg/kg |
| RY007-DSB-A  | 09FC-RY007-DSB-A-006012 | 8/4/2009    | FD          | 6           | 12        | in         | C200.7          | 8/22/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 8350   | mg/kg |
| RY007-DSB-A  | 09FC-RY007-DSB-A-006012 | 8/4/2009    | FD          | 6           | 12        | in         | C200.7          | 8/22/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 142    | mg/kg |
| RY007-DSB-A  | 09FC-RY007-DSB-A-006012 | 8/4/2009    | FD          | 6           | 12        | in         | C200.7          | 8/22/2009     | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 2450   | mg/kg |
| RY007-DSB-A  | 09FC-RY007-DSB-A-006012 | 8/4/2009    | FD          | 6           | 12        | in         | C200.7          | 8/22/2009     | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 318    | mg/kg |
| RY007-DSB-A  | 09FC-RY007-DSB-A-006012 | 8/4/2009    | FD          | 6           | 12        | in         | C200.7          | 8/22/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.9    | mg/kg |
| RY007-DSB-A  | 09FC-RY007-DSB-A-006012 | 8/4/2009    | FD          | 6           | 12        | in         | C200.7          | 8/22/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1000   | mg/kg |
| RY007-DSB-A  | 09FC-RY007-DSB-A-006012 | 8/4/2009    | FD          | 6           | 12        | in         | C200.7          | 8/22/2009     | SILVER        | 1                   | Y           | J             |              | J         | 1                   | mg/kg | 0.78   | mg/kg |
| RY007-DSB-A  | 09FC-RY007-DSB-A-006012 | 8/4/2009    | FD          | 6           | 12        | in         | C200.7          | 8/22/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 509    | mg/kg |
| RY007-DSB-A  | 09FC-RY007-DSB-A-006012 | 8/4/2009    | FD          | 6           | 12        | in         | C200.7          | 8/22/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.5    | mg/kg |
| RY007-DSB-A  | 09FC-RY007-DSB-A-006012 | 8/4/2009    | FD          | 6           | 12        | in         | C200.7          | 8/22/2009     | ANTIMONY      | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 11.5   | mg/kg |
| RY007-DSB-A  | 09FC-RY007-DSB-A-006012 | 8/4/2009    | FD          | 6           | 12        | in         | C200.7          | 8/22/2009     | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 25.5   | mg/kg |
| RY007-DSB-A  | 09FC-RY007-DSB-A-006012 | 8/4/2009    | FD          | 6           | 12        | in         | C200.7          | 8/22/2009     | BARIIUM       | 20                  | Y           |               |              |           | 20                  | mg/kg | 97.6   | mg/kg |
| RY007-DSB-A  | 09FC-RY007-DSB-A-006012 | 8/4/2009    | FD          | 6           | 12        | in         | C200.7          | 8/22/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.2    | mg/kg |
| RY007-DSB-A  | 09FC-RY007-DSB-A-006012 | 8/4/2009    | FD          | 6           | 12        | in         | C200.7          | 8/22/2009     | CADMIUM       | 0.5                 | Y           | J             | J            |           | 0.5                 | mg/kg | 1.3    | mg/kg |
| RY007-DSB-A  | 09FC-RY007-DSB-A-006012 | 8/4/2009    | FD          | 6           | 12        | in         | C200.7          | 8/22/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 8.1    | mg/kg |
| RY007-DSB-A  | 09FC-RY007-DSB-A-006012 | 8/4/2009    | FD          | 6           | 12        | in         | C200.7          | 8/22/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.7    | mg/kg |
| RY007-DSB-A  | 09FC-RY007-DSB-A-006012 | 8/4/2009    | FD          | 6           | 12        | in         | C200.7          | 8/22/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 9.9    | mg/kg |
| RY007-DSB-A  | 09FC-RY007-DSB-A-006012 | 8/4/2009    | FD          | 6           | 12        | in         | C200.7          | 8/22/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 11.7   | mg/kg |
| RY007-DSB-A  | 09FC-RY007-DSB-A-006012 | 8/4/2009    | FD          | 6           | 12        | in         | C200.7          | 8/22/2009     | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 159    | mg/kg |
| RY007-DSB-A  | 09FC-RY007-DSB-A-006012 | 8/4/2009    | FD          | 6           | 12        | in         | C200.7          | 8/22/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 2000   | mg/kg |
| RY007-DSB-A  | 09FC-RY007-DSB-A-006012 | 8/4/2009    | FD          | 6           | 12        | in         | C200.7          | 8/22/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.6    | mg/kg |
| RY007-NSB-A  | 09FC-RY007-NSB-A-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 4910   | mg/kg |
| RY007-NSB-A  | 09FC-RY007-NSB-A-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 7930   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY007-NSB-A  | 09FC-RY007-NSB-A-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 250    | mg/kg |
| RY007-NSB-A  | 09FC-RY007-NSB-A-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2370   | mg/kg |
| RY007-NSB-A  | 09FC-RY007-NSB-A-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 299    | mg/kg |
| RY007-NSB-A  | 09FC-RY007-NSB-A-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 4.9    | mg/kg |
| RY007-NSB-A  | 09FC-RY007-NSB-A-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 926    | mg/kg |
| RY007-NSB-A  | 09FC-RY007-NSB-A-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | SILVER        | 1                   | Y           |               |              |           | 1                   | mg/kg | 1.8    | mg/kg |
| RY007-NSB-A  | 09FC-RY007-NSB-A-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 511    | mg/kg |
| RY007-NSB-A  | 09FC-RY007-NSB-A-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY007-NSB-A  | 09FC-RY007-NSB-A-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | ANTIMONY      | 6                   | Y           |               |              |           | 6                   | mg/kg | 16.6   | mg/kg |
| RY007-NSB-A  | 09FC-RY007-NSB-A-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 71     | mg/kg |
| RY007-NSB-A  | 09FC-RY007-NSB-A-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 91.4   | mg/kg |
| RY007-NSB-A  | 09FC-RY007-NSB-A-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.18   | mg/kg |
| RY007-NSB-A  | 09FC-RY007-NSB-A-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 1.6    | mg/kg |
| RY007-NSB-A  | 09FC-RY007-NSB-A-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 6.4    | mg/kg |
| RY007-NSB-A  | 09FC-RY007-NSB-A-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.1    | mg/kg |
| RY007-NSB-A  | 09FC-RY007-NSB-A-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 9      | mg/kg |
| RY007-NSB-A  | 09FC-RY007-NSB-A-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 10.4   | mg/kg |
| RY007-NSB-A  | 09FC-RY007-NSB-A-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 120    | mg/kg |
| RY007-NSB-A  | 09FC-RY007-NSB-A-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 1750   | mg/kg |
| RY007-NSB-A  | 09FC-RY007-NSB-A-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.6    | mg/kg |
| RY007-NSB-A  | 09FC-RY007-NSB-A-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 4820   | mg/kg |
| RY007-NSB-A  | 09FC-RY007-NSB-A-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 11800  | mg/kg |
| RY007-NSB-A  | 09FC-RY007-NSB-A-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 439    | mg/kg |
| RY007-NSB-A  | 09FC-RY007-NSB-A-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2300   | mg/kg |
| RY007-NSB-A  | 09FC-RY007-NSB-A-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 563    | mg/kg |
| RY007-NSB-A  | 09FC-RY007-NSB-A-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 4.9    | mg/kg |
| RY007-NSB-A  | 09FC-RY007-NSB-A-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 973    | mg/kg |
| RY007-NSB-A  | 09FC-RY007-NSB-A-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | SILVER        | 1                   | Y           |               |              |           | 1                   | mg/kg | 2      | mg/kg |
| RY007-NSB-A  | 09FC-RY007-NSB-A-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 499    | mg/kg |
| RY007-NSB-A  | 09FC-RY007-NSB-A-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.5    | mg/kg |
| RY007-NSB-A  | 09FC-RY007-NSB-A-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | ANTIMONY      | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 36.3   | mg/kg |
| RY007-NSB-A  | 09FC-RY007-NSB-A-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 64     | mg/kg |
| RY007-NSB-A  | 09FC-RY007-NSB-A-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 87.4   | mg/kg |
| RY007-NSB-A  | 09FC-RY007-NSB-A-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.19   | mg/kg |
| RY007-NSB-A  | 09FC-RY007-NSB-A-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | CADMIUM       | 0.5                 | Y           | J             | J            |           | 0.5                 | mg/kg | 2.4    | mg/kg |
| RY007-NSB-A  | 09FC-RY007-NSB-A-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 5.9    | mg/kg |
| RY007-NSB-A  | 09FC-RY007-NSB-A-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.1    | mg/kg |
| RY007-NSB-A  | 09FC-RY007-NSB-A-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 9.3    | mg/kg |
| RY007-NSB-A  | 09FC-RY007-NSB-A-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 10.7   | mg/kg |
| RY007-NSB-A  | 09FC-RY007-NSB-A-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 273    | mg/kg |
| RY007-NSB-A  | 09FC-RY007-NSB-A-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 1630   | mg/kg |
| RY007-NSB-A  | 09FC-RY007-NSB-A-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.5    | mg/kg |
| RY007-NSB-D  | 09FC-RY007-NSB-D-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 5310   | mg/kg |
| RY007-NSB-D  | 09FC-RY007-NSB-D-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 9580   | mg/kg |
| RY007-NSB-D  | 09FC-RY007-NSB-D-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 272    | mg/kg |
| RY007-NSB-D  | 09FC-RY007-NSB-D-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2590   | mg/kg |
| RY007-NSB-D  | 09FC-RY007-NSB-D-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 308    | mg/kg |
| RY007-NSB-D  | 09FC-RY007-NSB-D-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 5.7    | mg/kg |



Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY007-NSB-D  | 09FC-RY007-NSB-D-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1130   | mg/kg |
| RY007-NSB-D  | 09FC-RY007-NSB-D-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | SILVER        | 1                   | Y           |               |              |           | 1                   | mg/kg | 2.9    | mg/kg |
| RY007-NSB-D  | 09FC-RY007-NSB-D-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 513    | mg/kg |
| RY007-NSB-D  | 09FC-RY007-NSB-D-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY007-NSB-D  | 09FC-RY007-NSB-D-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | ANTIMONY      | 6                   | Y           |               |              |           | 6                   | mg/kg | 23.1   | mg/kg |
| RY007-NSB-D  | 09FC-RY007-NSB-D-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 45.1   | mg/kg |
| RY007-NSB-D  | 09FC-RY007-NSB-D-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 82.8   | mg/kg |
| RY007-NSB-D  | 09FC-RY007-NSB-D-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.2    | mg/kg |
| RY007-NSB-D  | 09FC-RY007-NSB-D-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 2.1    | mg/kg |
| RY007-NSB-D  | 09FC-RY007-NSB-D-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 5.9    | mg/kg |
| RY007-NSB-D  | 09FC-RY007-NSB-D-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.5    | mg/kg |
| RY007-NSB-D  | 09FC-RY007-NSB-D-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 10.1   | mg/kg |
| RY007-NSB-D  | 09FC-RY007-NSB-D-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 12.1   | mg/kg |
| RY007-NSB-D  | 09FC-RY007-NSB-D-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 313    | mg/kg |
| RY007-NSB-D  | 09FC-RY007-NSB-D-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 1550   | mg/kg |
| RY007-NSB-D  | 09FC-RY007-NSB-D-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.6    | mg/kg |
| RY007-NSS-A  | 09FC-RY007-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 5170   | mg/kg |
| RY007-NSS-A  | 09FC-RY007-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 8470   | mg/kg |
| RY007-NSS-A  | 09FC-RY007-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 196    | mg/kg |
| RY007-NSS-A  | 09FC-RY007-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2390   | mg/kg |
| RY007-NSS-A  | 09FC-RY007-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 350    | mg/kg |
| RY007-NSS-A  | 09FC-RY007-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 5.4    | mg/kg |
| RY007-NSS-A  | 09FC-RY007-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 983    | mg/kg |
| RY007-NSS-A  | 09FC-RY007-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SILVER        | 1                   | Y           |               |              |           | 1                   | mg/kg | 1.3    | mg/kg |
| RY007-NSS-A  | 09FC-RY007-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 506    | mg/kg |
| RY007-NSS-A  | 09FC-RY007-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.5    | mg/kg |
| RY007-NSS-A  | 09FC-RY007-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ANTIMONY      | 6                   | Y           |               |              |           | 6                   | mg/kg | 14.2   | mg/kg |
| RY007-NSS-A  | 09FC-RY007-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 28     | mg/kg |
| RY007-NSS-A  | 09FC-RY007-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 99     | mg/kg |
| RY007-NSS-A  | 09FC-RY007-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.2    | mg/kg |
| RY007-NSS-A  | 09FC-RY007-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 1.3    | mg/kg |
| RY007-NSS-A  | 09FC-RY007-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 6.9    | mg/kg |
| RY007-NSS-A  | 09FC-RY007-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.3    | mg/kg |
| RY007-NSS-A  | 09FC-RY007-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 9.5    | mg/kg |
| RY007-NSS-A  | 09FC-RY007-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 11.1   | mg/kg |
| RY007-NSS-A  | 09FC-RY007-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 161    | mg/kg |
| RY007-NSS-A  | 09FC-RY007-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 1850   | mg/kg |
| RY007-NSS-A  | 09FC-RY007-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.5    | mg/kg |
| RY007-NSS-B  | 09FC-RY007-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 5800   | mg/kg |
| RY007-NSS-B  | 09FC-RY007-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 7880   | mg/kg |
| RY007-NSS-B  | 09FC-RY007-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 33.5   | mg/kg |
| RY007-NSS-B  | 09FC-RY007-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2550   | mg/kg |
| RY007-NSS-B  | 09FC-RY007-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 309    | mg/kg |
| RY007-NSS-B  | 09FC-RY007-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 7.6    | mg/kg |
| RY007-NSS-B  | 09FC-RY007-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1000   | mg/kg |
| RY007-NSS-B  | 09FC-RY007-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 1.2    | mg/kg |
| RY007-NSS-B  | 09FC-RY007-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 579    | mg/kg |
| RY007-NSS-B  | 09FC-RY007-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.9    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY007-NSS-B  | 09FC-RY007-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ANTIMONY      | 6                   | N           | U             |              | U         | 6                   | mg/kg | 7      | mg/kg |
| RY007-NSS-B  | 09FC-RY007-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 3.3    | mg/kg |
| RY007-NSS-B  | 09FC-RY007-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 137    | mg/kg |
| RY007-NSS-B  | 09FC-RY007-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.22   | mg/kg |
| RY007-NSS-B  | 09FC-RY007-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CADMIUM       | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.33   | mg/kg |
| RY007-NSS-B  | 09FC-RY007-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 6.5    | mg/kg |
| RY007-NSS-B  | 09FC-RY007-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.4    | mg/kg |
| RY007-NSS-B  | 09FC-RY007-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 12.3   | mg/kg |
| RY007-NSS-B  | 09FC-RY007-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 11.4   | mg/kg |
| RY007-NSS-B  | 09FC-RY007-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 120    | mg/kg |
| RY007-NSS-B  | 09FC-RY007-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 5280   | mg/kg |
| RY008-NSS-D  | 09FC-RY008-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.6    | mg/kg |
| RY009-NSB-D  | 09FC-RY009-NSB-D-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/25/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 5860   | mg/kg |
| RY009-NSB-D  | 09FC-RY009-NSB-D-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/25/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 8000   | mg/kg |
| RY009-NSB-D  | 09FC-RY009-NSB-D-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/25/2009     | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 61     | mg/kg |
| RY009-NSB-D  | 09FC-RY009-NSB-D-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/25/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2900   | mg/kg |
| RY009-NSB-D  | 09FC-RY009-NSB-D-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/25/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 343    | mg/kg |
| RY009-NSB-D  | 09FC-RY009-NSB-D-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/25/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.5    | mg/kg |
| RY009-NSB-D  | 09FC-RY009-NSB-D-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/25/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1010   | mg/kg |
| RY009-NSB-D  | 09FC-RY009-NSB-D-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/25/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 1      | mg/kg |
| RY009-NSB-D  | 09FC-RY009-NSB-D-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/25/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 518    | mg/kg |
| RY009-NSB-D  | 09FC-RY009-NSB-D-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/25/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY009-NSB-D  | 09FC-RY009-NSB-D-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/25/2009     | ANTIMONY      | 6                   | N           | U             |              | U         | 6                   | mg/kg | 6.2    | mg/kg |
| RY009-NSB-D  | 09FC-RY009-NSB-D-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/25/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 6.4    | mg/kg |
| RY009-NSB-D  | 09FC-RY009-NSB-D-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/25/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 119    | mg/kg |
| RY009-NSB-D  | 09FC-RY009-NSB-D-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/25/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.25   | mg/kg |
| RY009-NSB-D  | 09FC-RY009-NSB-D-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/25/2009     | CADMIUM       | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.47   | mg/kg |
| RY009-NSB-D  | 09FC-RY009-NSB-D-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/25/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 5.7    | mg/kg |
| RY009-NSB-D  | 09FC-RY009-NSB-D-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/25/2009     | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 5.4    | mg/kg |
| RY009-NSB-D  | 09FC-RY009-NSB-D-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/25/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 11.4   | mg/kg |
| RY009-NSB-D  | 09FC-RY009-NSB-D-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/25/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 9.4    | mg/kg |
| RY009-NSB-D  | 09FC-RY009-NSB-D-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/25/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 79.6   | mg/kg |
| RY009-NSB-D  | 09FC-RY009-NSB-D-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/25/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 11800  | mg/kg |
| RY009-NSB-D  | 09FC-RY009-NSB-D-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/25/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.6    | mg/kg |
| RY009-NSS-A  | 09FC-RY009-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/25/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 6070   | mg/kg |
| RY009-NSS-A  | 09FC-RY009-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/25/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 7550   | mg/kg |
| RY009-NSS-A  | 09FC-RY009-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/25/2009     | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 24.2   | mg/kg |
| RY009-NSS-A  | 09FC-RY009-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/25/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2800   | mg/kg |
| RY009-NSS-A  | 09FC-RY009-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/25/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 295    | mg/kg |
| RY009-NSS-A  | 09FC-RY009-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/25/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6      | mg/kg |
| RY009-NSS-A  | 09FC-RY009-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/25/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 863    | mg/kg |
| RY009-NSS-A  | 09FC-RY009-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/25/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 1      | mg/kg |
| RY009-NSS-A  | 09FC-RY009-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/25/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 521    | mg/kg |
| RY009-NSS-A  | 09FC-RY009-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/25/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY009-NSS-A  | 09FC-RY009-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/25/2009     | ANTIMONY      | 6                   | N           | U             |              | U         | 6                   | mg/kg | 6.3    | mg/kg |
| RY009-NSS-A  | 09FC-RY009-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/25/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 3.2    | mg/kg |
| RY009-NSS-A  | 09FC-RY009-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/25/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 131    | mg/kg |
| RY009-NSS-A  | 09FC-RY009-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/25/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.27   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY009-NSS-A  | 09FC-RY009-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/25/2009     | CADMIUM       | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.32   | mg/kg |
| RY009-NSS-A  | 09FC-RY009-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/25/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 5.9    | mg/kg |
| RY009-NSS-A  | 09FC-RY009-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/25/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.8    | mg/kg |
| RY009-NSS-A  | 09FC-RY009-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/25/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 8.9    | mg/kg |
| RY009-NSS-A  | 09FC-RY009-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/25/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 10.1   | mg/kg |
| RY009-NSS-A  | 09FC-RY009-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/25/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 52.9   | mg/kg |
| RY009-NSS-A  | 09FC-RY009-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/25/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 2610   | mg/kg |
| RY009-NSS-A  | 09FC-RY009-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/25/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.6    | mg/kg |
| RY009-NSS-B  | 09FC-RY009-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 5470   | mg/kg |
| RY009-NSS-B  | 09FC-RY009-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 8560   | mg/kg |
| RY009-NSS-B  | 09FC-RY009-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 28.8   | mg/kg |
| RY009-NSS-B  | 09FC-RY009-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2760   | mg/kg |
| RY009-NSS-B  | 09FC-RY009-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 279    | mg/kg |
| RY009-NSS-B  | 09FC-RY009-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.1    | mg/kg |
| RY009-NSS-B  | 09FC-RY009-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1100   | mg/kg |
| RY009-NSS-B  | 09FC-RY009-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 1.1    | mg/kg |
| RY009-NSS-B  | 09FC-RY009-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 526    | mg/kg |
| RY009-NSS-B  | 09FC-RY009-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY009-NSS-B  | 09FC-RY009-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ANTIMONY      | 6                   | N           | U             |              | U         | 6                   | mg/kg | 6.3    | mg/kg |
| RY009-NSS-B  | 09FC-RY009-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 3.9    | mg/kg |
| RY009-NSS-B  | 09FC-RY009-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 126    | mg/kg |
| RY009-NSS-B  | 09FC-RY009-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.23   | mg/kg |
| RY009-NSS-B  | 09FC-RY009-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CADMIUM       | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.28   | mg/kg |
| RY009-NSS-B  | 09FC-RY009-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 6.7    | mg/kg |
| RY009-NSS-B  | 09FC-RY009-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.8    | mg/kg |
| RY009-NSS-B  | 09FC-RY009-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 11.1   | mg/kg |
| RY009-NSS-B  | 09FC-RY009-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 14     | mg/kg |
| RY009-NSS-B  | 09FC-RY009-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 128    | mg/kg |
| RY009-NSS-B  | 09FC-RY009-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 2360   | mg/kg |
| RY009-NSS-B  | 09FC-RY009-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.7    | mg/kg |
| RY009-NSS-C  | 09FC-RY009-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 5430   | mg/kg |
| RY009-NSS-C  | 09FC-RY009-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 8160   | mg/kg |
| RY009-NSS-C  | 09FC-RY009-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 26.2   | mg/kg |
| RY009-NSS-C  | 09FC-RY009-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2850   | mg/kg |
| RY009-NSS-C  | 09FC-RY009-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 305    | mg/kg |
| RY009-NSS-C  | 09FC-RY009-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.1    | mg/kg |
| RY009-NSS-C  | 09FC-RY009-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 929    | mg/kg |
| RY009-NSS-C  | 09FC-RY009-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 1.1    | mg/kg |
| RY009-NSS-C  | 09FC-RY009-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 529    | mg/kg |
| RY009-NSS-C  | 09FC-RY009-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY009-NSS-C  | 09FC-RY009-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ANTIMONY      | 6                   | N           | U             |              | U         | 6                   | mg/kg | 6.3    | mg/kg |
| RY009-NSS-C  | 09FC-RY009-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 3.2    | mg/kg |
| RY009-NSS-C  | 09FC-RY009-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 134    | mg/kg |
| RY009-NSS-C  | 09FC-RY009-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.23   | mg/kg |
| RY009-NSS-C  | 09FC-RY009-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CADMIUM       | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.32   | mg/kg |
| RY009-NSS-C  | 09FC-RY009-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 10.4   | mg/kg |
| RY009-NSS-C  | 09FC-RY009-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.7    | mg/kg |
| RY009-NSS-C  | 09FC-RY009-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 9.7    | mg/kg |

## Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY009-NSS-C  | 09FC-RY009-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 13.6   | mg/kg |
| RY009-NSS-C  | 09FC-RY009-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 67.9   | mg/kg |
| RY009-NSS-C  | 09FC-RY009-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 3140   | mg/kg |
| RY009-NSS-C  | 09FC-RY009-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.7    | mg/kg |
| RY009-NSS-D  | 09FC-RY009-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 6160   | mg/kg |
| RY009-NSS-D  | 09FC-RY009-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 8700   | mg/kg |
| RY009-NSS-D  | 09FC-RY009-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 62.3   | mg/kg |
| RY009-NSS-D  | 09FC-RY009-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2750   | mg/kg |
| RY009-NSS-D  | 09FC-RY009-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 322    | mg/kg |
| RY009-NSS-D  | 09FC-RY009-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.4    | mg/kg |
| RY009-NSS-D  | 09FC-RY009-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1070   | mg/kg |
| RY009-NSS-D  | 09FC-RY009-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SILVER        | 1                   | Y           | J             |              | J         | 1                   | mg/kg | 0.4    | mg/kg |
| RY009-NSS-D  | 09FC-RY009-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 512    | mg/kg |
| RY009-NSS-D  | 09FC-RY009-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY009-NSS-D  | 09FC-RY009-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ANTIMONY      | 6                   | Y           | J             |              | J         | 6                   | mg/kg | 3.2    | mg/kg |
| RY009-NSS-D  | 09FC-RY009-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 8.4    | mg/kg |
| RY009-NSS-D  | 09FC-RY009-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 122    | mg/kg |
| RY009-NSS-D  | 09FC-RY009-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.23   | mg/kg |
| RY009-NSS-D  | 09FC-RY009-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CADMIUM       | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.43   | mg/kg |
| RY009-NSS-D  | 09FC-RY009-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 5.9    | mg/kg |
| RY009-NSS-D  | 09FC-RY009-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 5.2    | mg/kg |
| RY009-NSS-D  | 09FC-RY009-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 10.8   | mg/kg |
| RY009-NSS-D  | 09FC-RY009-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 13     | mg/kg |
| RY009-NSS-D  | 09FC-RY009-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 74     | mg/kg |
| RY009-NSS-D  | 09FC-RY009-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 5890   | mg/kg |
| RY009-NSS-D  | 09FC-RY009-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.6    | mg/kg |
| RY010-NSB-B  | 09FC-RY010-NSB-B-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 5730   | mg/kg |
| RY010-NSB-B  | 09FC-RY010-NSB-B-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 9560   | mg/kg |
| RY010-NSB-B  | 09FC-RY010-NSB-B-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 16.7   | mg/kg |
| RY010-NSB-B  | 09FC-RY010-NSB-B-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 4640   | mg/kg |
| RY010-NSB-B  | 09FC-RY010-NSB-B-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 257    | mg/kg |
| RY010-NSB-B  | 09FC-RY010-NSB-B-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 7.2    | mg/kg |
| RY010-NSB-B  | 09FC-RY010-NSB-B-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1670   | mg/kg |
| RY010-NSB-B  | 09FC-RY010-NSB-B-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 1.1    | mg/kg |
| RY010-NSB-B  | 09FC-RY010-NSB-B-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 542    | mg/kg |
| RY010-NSB-B  | 09FC-RY010-NSB-B-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.7    | mg/kg |
| RY010-NSB-B  | 09FC-RY010-NSB-B-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | ANTIMONY      | 6                   | N           | U             |              | U         | 6                   | mg/kg | 6.5    | mg/kg |
| RY010-NSB-B  | 09FC-RY010-NSB-B-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 5      | mg/kg |
| RY010-NSB-B  | 09FC-RY010-NSB-B-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 121    | mg/kg |
| RY010-NSB-B  | 09FC-RY010-NSB-B-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.23   | mg/kg |
| RY010-NSB-B  | 09FC-RY010-NSB-B-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | CADMIUM       | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.41   | mg/kg |
| RY010-NSB-B  | 09FC-RY010-NSB-B-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 5.6    | mg/kg |
| RY010-NSB-B  | 09FC-RY010-NSB-B-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.9    | mg/kg |
| RY010-NSB-B  | 09FC-RY010-NSB-B-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 12.7   | mg/kg |
| RY010-NSB-B  | 09FC-RY010-NSB-B-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 11.8   | mg/kg |
| RY010-NSB-B  | 09FC-RY010-NSB-B-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 61.8   | mg/kg |
| RY010-NSB-B  | 09FC-RY010-NSB-B-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 9510   | mg/kg |
| RY010-NSB-B  | 09FC-RY010-NSB-B-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.8    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY010-NSS-A  | 09FC-RY010-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 5740   | mg/kg |
| RY010-NSS-A  | 09FC-RY010-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 9030   | mg/kg |
| RY010-NSS-A  | 09FC-RY010-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 12.4   | mg/kg |
| RY010-NSS-A  | 09FC-RY010-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3410   | mg/kg |
| RY010-NSS-A  | 09FC-RY010-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 238    | mg/kg |
| RY010-NSS-A  | 09FC-RY010-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.7    | mg/kg |
| RY010-NSS-A  | 09FC-RY010-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1500   | mg/kg |
| RY010-NSS-A  | 09FC-RY010-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 1      | mg/kg |
| RY010-NSS-A  | 09FC-RY010-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 506    | mg/kg |
| RY010-NSS-A  | 09FC-RY010-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.5    | mg/kg |
| RY010-NSS-A  | 09FC-RY010-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ANTIMONY      | 6                   | N           | U             |              | U         | 6                   | mg/kg | 6.1    | mg/kg |
| RY010-NSS-A  | 09FC-RY010-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 2.9    | mg/kg |
| RY010-NSS-A  | 09FC-RY010-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 119    | mg/kg |
| RY010-NSS-A  | 09FC-RY010-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.24   | mg/kg |
| RY010-NSS-A  | 09FC-RY010-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CADMIUM       | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.51   | mg/kg |
| RY010-NSS-A  | 09FC-RY010-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 5.8    | mg/kg |
| RY010-NSS-A  | 09FC-RY010-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.9    | mg/kg |
| RY010-NSS-A  | 09FC-RY010-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 11.6   | mg/kg |
| RY010-NSS-A  | 09FC-RY010-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 13.8   | mg/kg |
| RY010-NSS-A  | 09FC-RY010-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 41.8   | mg/kg |
| RY010-NSS-A  | 09FC-RY010-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 4360   | mg/kg |
| RY010-NSS-A  | 09FC-RY010-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.5    | mg/kg |
| RY010-NSS-B  | 09FC-RY010-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 6310   | mg/kg |
| RY010-NSS-B  | 09FC-RY010-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 9570   | mg/kg |
| RY010-NSS-B  | 09FC-RY010-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 25     | mg/kg |
| RY010-NSS-B  | 09FC-RY010-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 4770   | mg/kg |
| RY010-NSS-B  | 09FC-RY010-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 263    | mg/kg |
| RY010-NSS-B  | 09FC-RY010-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 7.1    | mg/kg |
| RY010-NSS-B  | 09FC-RY010-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1750   | mg/kg |
| RY010-NSS-B  | 09FC-RY010-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 1      | mg/kg |
| RY010-NSS-B  | 09FC-RY010-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 506    | mg/kg |
| RY010-NSS-B  | 09FC-RY010-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.5    | mg/kg |
| RY010-NSS-B  | 09FC-RY010-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ANTIMONY      | 6                   | N           | U             |              | U         | 6                   | mg/kg | 6.1    | mg/kg |
| RY010-NSS-B  | 09FC-RY010-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 5.1    | mg/kg |
| RY010-NSS-B  | 09FC-RY010-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 116    | mg/kg |
| RY010-NSS-B  | 09FC-RY010-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.25   | mg/kg |
| RY010-NSS-B  | 09FC-RY010-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CADMIUM       | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.29   | mg/kg |
| RY010-NSS-B  | 09FC-RY010-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 8.2    | mg/kg |
| RY010-NSS-B  | 09FC-RY010-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 5.5    | mg/kg |
| RY010-NSS-B  | 09FC-RY010-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 12.6   | mg/kg |
| RY010-NSS-B  | 09FC-RY010-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 12.3   | mg/kg |
| RY010-NSS-B  | 09FC-RY010-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 53     | mg/kg |
| RY010-NSS-B  | 09FC-RY010-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 9680   | mg/kg |
| RY010-NSS-B  | 09FC-RY010-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.5    | mg/kg |
| RY010-NSS-C  | 09FC-RY010-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 6340   | mg/kg |
| RY010-NSS-C  | 09FC-RY010-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 11800  | mg/kg |
| RY010-NSS-C  | 09FC-RY010-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 12.7   | mg/kg |
| RY010-NSS-C  | 09FC-RY010-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3260   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY010-NSS-C  | 09FC-RY010-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 241    | mg/kg |
| RY010-NSS-C  | 09FC-RY010-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 7.1    | mg/kg |
| RY010-NSS-C  | 09FC-RY010-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1470   | mg/kg |
| RY010-NSS-C  | 09FC-RY010-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 1      | mg/kg |
| RY010-NSS-C  | 09FC-RY010-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 500    | mg/kg |
| RY010-NSS-C  | 09FC-RY010-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.5    | mg/kg |
| RY010-NSS-C  | 09FC-RY010-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ANTIMONY      | 6                   | N           | U             |              | U         | 6                   | mg/kg | 6      | mg/kg |
| RY010-NSS-C  | 09FC-RY010-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 6.9    | mg/kg |
| RY010-NSS-C  | 09FC-RY010-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 105    | mg/kg |
| RY010-NSS-C  | 09FC-RY010-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.3    | mg/kg |
| RY010-NSS-C  | 09FC-RY010-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CADMIUM       | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.33   | mg/kg |
| RY010-NSS-C  | 09FC-RY010-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 7.1    | mg/kg |
| RY010-NSS-C  | 09FC-RY010-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 5.8    | mg/kg |
| RY010-NSS-C  | 09FC-RY010-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 12.3   | mg/kg |
| RY010-NSS-C  | 09FC-RY010-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 14.6   | mg/kg |
| RY010-NSS-C  | 09FC-RY010-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 99     | mg/kg |
| RY010-NSS-C  | 09FC-RY010-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 2310   | mg/kg |
| RY010-NSS-C  | 09FC-RY010-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.5    | mg/kg |
| RY010-NSS-D  | 09FC-RY010-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 6140   | mg/kg |
| RY010-NSS-D  | 09FC-RY010-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 10000  | mg/kg |
| RY010-NSS-D  | 09FC-RY010-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | LEAD          | 1                   | Y           | J+            |              | J+        | 1                   | mg/kg | 20.7   | mg/kg |
| RY010-NSS-D  | 09FC-RY010-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3560   | mg/kg |
| RY010-NSS-D  | 09FC-RY010-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 244    | mg/kg |
| RY010-NSS-D  | 09FC-RY010-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 7.9    | mg/kg |
| RY010-NSS-D  | 09FC-RY010-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1200   | mg/kg |
| RY010-NSS-D  | 09FC-RY010-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 0.98   | mg/kg |
| RY010-NSS-D  | 09FC-RY010-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 492    | mg/kg |
| RY010-NSS-D  | 09FC-RY010-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.5    | mg/kg |
| RY010-NSS-D  | 09FC-RY010-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ANTIMONY      | 6                   | N           | U             |              | U         | 6                   | mg/kg | 5.9    | mg/kg |
| RY010-NSS-D  | 09FC-RY010-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 5.9    | mg/kg |
| RY010-NSS-D  | 09FC-RY010-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 164    | mg/kg |
| RY010-NSS-D  | 09FC-RY010-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.25   | mg/kg |
| RY010-NSS-D  | 09FC-RY010-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CADMIUM       | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.19   | mg/kg |
| RY010-NSS-D  | 09FC-RY010-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 6.4    | mg/kg |
| RY010-NSS-D  | 09FC-RY010-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 6.3    | mg/kg |
| RY010-NSS-D  | 09FC-RY010-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 18.6   | mg/kg |
| RY010-NSS-D  | 09FC-RY010-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 14     | mg/kg |
| RY010-NSS-D  | 09FC-RY010-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 44.5   | mg/kg |
| RY010-NSS-D  | 09FC-RY010-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 9010   | mg/kg |
| RY010-NSS-D  | 09FC-RY010-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.4    | mg/kg |
| RY011-DSS-B  | 09FC-RY011-DSS-B-000002 | 8/4/2009    | FD          | 0           | 2         | in         | C200.7          | 8/24/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 6780   | mg/kg |
| RY011-DSS-B  | 09FC-RY011-DSS-B-000002 | 8/4/2009    | FD          | 0           | 2         | in         | C200.7          | 8/24/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 9390   | mg/kg |
| RY011-DSS-B  | 09FC-RY011-DSS-B-000002 | 8/4/2009    | FD          | 0           | 2         | in         | C200.7          | 8/24/2009     | LEAD          | 1                   | Y           | J+            |              | J+        | 1                   | mg/kg | 24.7   | mg/kg |
| RY011-DSS-B  | 09FC-RY011-DSS-B-000002 | 8/4/2009    | FD          | 0           | 2         | in         | C200.7          | 8/24/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3150   | mg/kg |
| RY011-DSS-B  | 09FC-RY011-DSS-B-000002 | 8/4/2009    | FD          | 0           | 2         | in         | C200.7          | 8/24/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 243    | mg/kg |
| RY011-DSS-B  | 09FC-RY011-DSS-B-000002 | 8/4/2009    | FD          | 0           | 2         | in         | C200.7          | 8/24/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.9    | mg/kg |
| RY011-DSS-B  | 09FC-RY011-DSS-B-000002 | 8/4/2009    | FD          | 0           | 2         | in         | C200.7          | 8/24/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2310   | mg/kg |
| RY011-DSS-B  | 09FC-RY011-DSS-B-000002 | 8/4/2009    | FD          | 0           | 2         | in         | C200.7          | 8/24/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 1.1    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY011-DSS-B  | 09FC-RY011-DSS-B-000002 | 8/4/2009    | FD          | 0           | 2         | in         | C200.7          | 8/24/2009     | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 268    | mg/kg |
| RY011-DSS-B  | 09FC-RY011-DSS-B-000002 | 8/4/2009    | FD          | 0           | 2         | in         | C200.7          | 8/24/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.8    | mg/kg |
| RY011-DSS-B  | 09FC-RY011-DSS-B-000002 | 8/4/2009    | FD          | 0           | 2         | in         | C200.7          | 8/24/2009     | ANTIMONY      | 6                   | N           | U             |              | U         | 6                   | mg/kg | 6.6    | mg/kg |
| RY011-DSS-B  | 09FC-RY011-DSS-B-000002 | 8/4/2009    | FD          | 0           | 2         | in         | C200.7          | 8/24/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 3.5    | mg/kg |
| RY011-DSS-B  | 09FC-RY011-DSS-B-000002 | 8/4/2009    | FD          | 0           | 2         | in         | C200.7          | 8/24/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 159    | mg/kg |
| RY011-DSS-B  | 09FC-RY011-DSS-B-000002 | 8/4/2009    | FD          | 0           | 2         | in         | C200.7          | 8/24/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.27   | mg/kg |
| RY011-DSS-B  | 09FC-RY011-DSS-B-000002 | 8/4/2009    | FD          | 0           | 2         | in         | C200.7          | 8/24/2009     | CADMIUM       | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.3    | mg/kg |
| RY011-DSS-B  | 09FC-RY011-DSS-B-000002 | 8/4/2009    | FD          | 0           | 2         | in         | C200.7          | 8/24/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 7.3    | mg/kg |
| RY011-DSS-B  | 09FC-RY011-DSS-B-000002 | 8/4/2009    | FD          | 0           | 2         | in         | C200.7          | 8/24/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.8    | mg/kg |
| RY011-DSS-B  | 09FC-RY011-DSS-B-000002 | 8/4/2009    | FD          | 0           | 2         | in         | C200.7          | 8/24/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 13.7   | mg/kg |
| RY011-DSS-B  | 09FC-RY011-DSS-B-000002 | 8/4/2009    | FD          | 0           | 2         | in         | C200.7          | 8/24/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 13.8   | mg/kg |
| RY011-DSS-B  | 09FC-RY011-DSS-B-000002 | 8/4/2009    | FD          | 0           | 2         | in         | C200.7          | 8/24/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 83.1   | mg/kg |
| RY011-DSS-B  | 09FC-RY011-DSS-B-000002 | 8/4/2009    | FD          | 0           | 2         | in         | C200.7          | 8/24/2009     | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 6360   | mg/kg |
| RY011-DSS-B  | 09FC-RY011-DSS-B-000002 | 8/4/2009    | FD          | 0           | 2         | in         | C200.7          | 8/24/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.9    | mg/kg |
| RY011-NSB-D  | 09FC-RY011-NSB-D-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 6000   | mg/kg |
| RY011-NSB-D  | 09FC-RY011-NSB-D-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 9540   | mg/kg |
| RY011-NSB-D  | 09FC-RY011-NSB-D-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 97.9   | mg/kg |
| RY011-NSB-D  | 09FC-RY011-NSB-D-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 4650   | mg/kg |
| RY011-NSB-D  | 09FC-RY011-NSB-D-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 369    | mg/kg |
| RY011-NSB-D  | 09FC-RY011-NSB-D-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 8.8    | mg/kg |
| RY011-NSB-D  | 09FC-RY011-NSB-D-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1650   | mg/kg |
| RY011-NSB-D  | 09FC-RY011-NSB-D-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 1      | mg/kg |
| RY011-NSB-D  | 09FC-RY011-NSB-D-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 208    | mg/kg |
| RY011-NSB-D  | 09FC-RY011-NSB-D-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY011-NSB-D  | 09FC-RY011-NSB-D-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | ANTIMONY      | 6                   | N           | U             |              | U         | 6                   | mg/kg | 6.3    | mg/kg |
| RY011-NSB-D  | 09FC-RY011-NSB-D-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 5.6    | mg/kg |
| RY011-NSB-D  | 09FC-RY011-NSB-D-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 977    | mg/kg |
| RY011-NSB-D  | 09FC-RY011-NSB-D-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.23   | mg/kg |
| RY011-NSB-D  | 09FC-RY011-NSB-D-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 3.4    | mg/kg |
| RY011-NSB-D  | 09FC-RY011-NSB-D-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 11.2   | mg/kg |
| RY011-NSB-D  | 09FC-RY011-NSB-D-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 5.6    | mg/kg |
| RY011-NSB-D  | 09FC-RY011-NSB-D-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 35.4   | mg/kg |
| RY011-NSB-D  | 09FC-RY011-NSB-D-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 13.1   | mg/kg |
| RY011-NSB-D  | 09FC-RY011-NSB-D-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 160    | mg/kg |
| RY011-NSB-D  | 09FC-RY011-NSB-D-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 18100  | mg/kg |
| RY011-NSB-D  | 09FC-RY011-NSB-D-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.7    | mg/kg |
| RY011-NSB-D  | 09FC-RY011-NSB-D-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 5580   | mg/kg |
| RY011-NSB-D  | 09FC-RY011-NSB-D-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 8890   | mg/kg |
| RY011-NSB-D  | 09FC-RY011-NSB-D-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 31.3   | mg/kg |
| RY011-NSB-D  | 09FC-RY011-NSB-D-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3360   | mg/kg |
| RY011-NSB-D  | 09FC-RY011-NSB-D-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 448    | mg/kg |
| RY011-NSB-D  | 09FC-RY011-NSB-D-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 7.3    | mg/kg |
| RY011-NSB-D  | 09FC-RY011-NSB-D-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1620   | mg/kg |
| RY011-NSB-D  | 09FC-RY011-NSB-D-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 1      | mg/kg |
| RY011-NSB-D  | 09FC-RY011-NSB-D-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 515    | mg/kg |
| RY011-NSB-D  | 09FC-RY011-NSB-D-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY011-NSB-D  | 09FC-RY011-NSB-D-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | ANTIMONY      | 6                   | N           | U             |              | U         | 6                   | mg/kg | 6.2    | mg/kg |
| RY011-NSB-D  | 09FC-RY011-NSB-D-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 4.1    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY011-NSB-D  | 09FC-RY011-NSB-D-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 189    | mg/kg |
| RY011-NSB-D  | 09FC-RY011-NSB-D-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.2    | mg/kg |
| RY011-NSB-D  | 09FC-RY011-NSB-D-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | CADMIUM       | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.42   | mg/kg |
| RY011-NSB-D  | 09FC-RY011-NSB-D-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 6.7    | mg/kg |
| RY011-NSB-D  | 09FC-RY011-NSB-D-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 5.5    | mg/kg |
| RY011-NSB-D  | 09FC-RY011-NSB-D-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 13.4   | mg/kg |
| RY011-NSB-D  | 09FC-RY011-NSB-D-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 11.8   | mg/kg |
| RY011-NSB-D  | 09FC-RY011-NSB-D-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 69.3   | mg/kg |
| RY011-NSB-D  | 09FC-RY011-NSB-D-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 7280   | mg/kg |
| RY011-NSB-D  | 09FC-RY011-NSB-D-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.6    | mg/kg |
| RY011-NSS-B  | 09FC-RY011-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 6980   | mg/kg |
| RY011-NSS-B  | 09FC-RY011-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 9570   | mg/kg |
| RY011-NSS-B  | 09FC-RY011-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 25.7   | mg/kg |
| RY011-NSS-B  | 09FC-RY011-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3270   | mg/kg |
| RY011-NSS-B  | 09FC-RY011-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 257    | mg/kg |
| RY011-NSS-B  | 09FC-RY011-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 7.2    | mg/kg |
| RY011-NSS-B  | 09FC-RY011-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2410   | mg/kg |
| RY011-NSS-B  | 09FC-RY011-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 1.1    | mg/kg |
| RY011-NSS-B  | 09FC-RY011-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 288    | mg/kg |
| RY011-NSS-B  | 09FC-RY011-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.8    | mg/kg |
| RY011-NSS-B  | 09FC-RY011-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ANTIMONY      | 6                   | N           | U             |              | U         | 6                   | mg/kg | 6.6    | mg/kg |
| RY011-NSS-B  | 09FC-RY011-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 3.5    | mg/kg |
| RY011-NSS-B  | 09FC-RY011-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 171    | mg/kg |
| RY011-NSS-B  | 09FC-RY011-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.27   | mg/kg |
| RY011-NSS-B  | 09FC-RY011-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CADMIUM       | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.32   | mg/kg |
| RY011-NSS-B  | 09FC-RY011-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 7.7    | mg/kg |
| RY011-NSS-B  | 09FC-RY011-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 5.3    | mg/kg |
| RY011-NSS-B  | 09FC-RY011-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 14.7   | mg/kg |
| RY011-NSS-B  | 09FC-RY011-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 14     | mg/kg |
| RY011-NSS-B  | 09FC-RY011-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 96.5   | mg/kg |
| RY011-NSS-B  | 09FC-RY011-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 3940   | mg/kg |
| RY011-NSS-B  | 09FC-RY011-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.9    | mg/kg |
| RY011-NSS-C  | 09FC-RY011-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 6450   | mg/kg |
| RY011-NSS-C  | 09FC-RY011-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 9710   | mg/kg |
| RY011-NSS-C  | 09FC-RY011-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 31.2   | mg/kg |
| RY011-NSS-C  | 09FC-RY011-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3240   | mg/kg |
| RY011-NSS-C  | 09FC-RY011-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 308    | mg/kg |
| RY011-NSS-C  | 09FC-RY011-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 7.3    | mg/kg |
| RY011-NSS-C  | 09FC-RY011-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1710   | mg/kg |
| RY011-NSS-C  | 09FC-RY011-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 1.1    | mg/kg |
| RY011-NSS-C  | 09FC-RY011-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 533    | mg/kg |
| RY011-NSS-C  | 09FC-RY011-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.7    | mg/kg |
| RY011-NSS-C  | 09FC-RY011-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ANTIMONY      | 6                   | N           | U             |              | U         | 6                   | mg/kg | 6.4    | mg/kg |
| RY011-NSS-C  | 09FC-RY011-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 3      | mg/kg |
| RY011-NSS-C  | 09FC-RY011-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 161    | mg/kg |
| RY011-NSS-C  | 09FC-RY011-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.24   | mg/kg |
| RY011-NSS-C  | 09FC-RY011-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CADMIUM       | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.34   | mg/kg |
| RY011-NSS-C  | 09FC-RY011-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 40.8   | mg/kg |



Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY011-NSS-C  | 09FC-RY011-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 5.1    | mg/kg |
| RY011-NSS-C  | 09FC-RY011-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 14.3   | mg/kg |
| RY011-NSS-C  | 09FC-RY011-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 13.6   | mg/kg |
| RY011-NSS-C  | 09FC-RY011-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 63.6   | mg/kg |
| RY011-NSS-C  | 09FC-RY011-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 3420   | mg/kg |
| RY011-NSS-C  | 09FC-RY011-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.7    | mg/kg |
| RY011-NSS-D  | 09FC-RY011-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 6980   | mg/kg |
| RY011-NSS-D  | 09FC-RY011-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 10900  | mg/kg |
| RY011-NSS-D  | 09FC-RY011-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 131    | mg/kg |
| RY011-NSS-D  | 09FC-RY011-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 4830   | mg/kg |
| RY011-NSS-D  | 09FC-RY011-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 350    | mg/kg |
| RY011-NSS-D  | 09FC-RY011-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 11.8   | mg/kg |
| RY011-NSS-D  | 09FC-RY011-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1950   | mg/kg |
| RY011-NSS-D  | 09FC-RY011-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 1.1    | mg/kg |
| RY011-NSS-D  | 09FC-RY011-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 185    | mg/kg |
| RY011-NSS-D  | 09FC-RY011-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY011-NSS-D  | 09FC-RY011-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ANTIMONY      | 6                   | N           | U             |              | U         | 6                   | mg/kg | 6.3    | mg/kg |
| RY011-NSS-D  | 09FC-RY011-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 7.1    | mg/kg |
| RY011-NSS-D  | 09FC-RY011-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 1090   | mg/kg |
| RY011-NSS-D  | 09FC-RY011-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.26   | mg/kg |
| RY011-NSS-D  | 09FC-RY011-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 3.3    | mg/kg |
| RY011-NSS-D  | 09FC-RY011-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 13.5   | mg/kg |
| RY011-NSS-D  | 09FC-RY011-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 6.3    | mg/kg |
| RY011-NSS-D  | 09FC-RY011-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 35.1   | mg/kg |
| RY011-NSS-D  | 09FC-RY011-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 15.2   | mg/kg |
| RY011-NSS-D  | 09FC-RY011-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 257    | mg/kg |
| RY011-NSS-D  | 09FC-RY011-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 14500  | mg/kg |
| RY011-NSS-D  | 09FC-RY011-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.7    | mg/kg |
| RY012-NSB-A  | 09FC-RY012-NSB-A-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 7530   | mg/kg |
| RY012-NSB-A  | 09FC-RY012-NSB-A-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 10800  | mg/kg |
| RY012-NSB-A  | 09FC-RY012-NSB-A-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 140    | mg/kg |
| RY012-NSB-A  | 09FC-RY012-NSB-A-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3490   | mg/kg |
| RY012-NSB-A  | 09FC-RY012-NSB-A-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 427    | mg/kg |
| RY012-NSB-A  | 09FC-RY012-NSB-A-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 7.6    | mg/kg |
| RY012-NSB-A  | 09FC-RY012-NSB-A-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1700   | mg/kg |
| RY012-NSB-A  | 09FC-RY012-NSB-A-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | SILVER        | 1                   | Y           | J             |              | J         | 1                   | mg/kg | 0.58   | mg/kg |
| RY012-NSB-A  | 09FC-RY012-NSB-A-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 573    | mg/kg |
| RY012-NSB-A  | 09FC-RY012-NSB-A-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.9    | mg/kg |
| RY012-NSB-A  | 09FC-RY012-NSB-A-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | ANTIMONY      | 6                   | Y           |               |              |           | 6                   | mg/kg | 7.7    | mg/kg |
| RY012-NSB-A  | 09FC-RY012-NSB-A-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 19.9   | mg/kg |
| RY012-NSB-A  | 09FC-RY012-NSB-A-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 171    | mg/kg |
| RY012-NSB-A  | 09FC-RY012-NSB-A-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.31   | mg/kg |
| RY012-NSB-A  | 09FC-RY012-NSB-A-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 1.5    | mg/kg |
| RY012-NSB-A  | 09FC-RY012-NSB-A-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 7      | mg/kg |
| RY012-NSB-A  | 09FC-RY012-NSB-A-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 5.9    | mg/kg |
| RY012-NSB-A  | 09FC-RY012-NSB-A-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 28     | mg/kg |
| RY012-NSB-A  | 09FC-RY012-NSB-A-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 15.4   | mg/kg |
| RY012-NSB-A  | 09FC-RY012-NSB-A-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 313    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                         |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY012-NSB-A  | 09FC-RY012-NSB-A-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | CALCIUM       | 500           | Y           |               |              |           | 500           | mg/kg | 2730   | mg/kg |
| RY012-NSB-A  | 09FC-RY012-NSB-A-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | SELENIUM      | 3.5           | N           | U             |              | U         | 3.5           | mg/kg | 4      | mg/kg |
| RY012-NSS-A  | 09FC-RY012-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ALUMINUM      | 20            | Y           |               |              |           | 20            | mg/kg | 6550   | mg/kg |
| RY012-NSS-A  | 09FC-RY012-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | IRON          | 10            | Y           |               |              |           | 10            | mg/kg | 9420   | mg/kg |
| RY012-NSS-A  | 09FC-RY012-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | LEAD          | 1             | Y           | J+            | J+           |           | 1             | mg/kg | 74.4   | mg/kg |
| RY012-NSS-A  | 09FC-RY012-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | MAGNESIUM     | 500           | Y           |               |              |           | 500           | mg/kg | 3670   | mg/kg |
| RY012-NSS-A  | 09FC-RY012-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | MANGANESE     | 1.5           | Y           |               |              |           | 1.5           | mg/kg | 252    | mg/kg |
| RY012-NSS-A  | 09FC-RY012-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | NICKEL        | 4             | Y           |               |              |           | 4             | mg/kg | 7.3    | mg/kg |
| RY012-NSS-A  | 09FC-RY012-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | POTASSIUM     | 500           | Y           |               |              |           | 500           | mg/kg | 1710   | mg/kg |
| RY012-NSS-A  | 09FC-RY012-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SILVER        | 1             | N           | U             |              | U         | 1             | mg/kg | 1.1    | mg/kg |
| RY012-NSS-A  | 09FC-RY012-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SODIUM        | 500           | N           | U             |              | U         | 500           | mg/kg | 573    | mg/kg |
| RY012-NSS-A  | 09FC-RY012-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5           | mg/kg | 2.9    | mg/kg |
| RY012-NSS-A  | 09FC-RY012-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ANTIMONY      | 6             | Y           | J             |              | J         | 6             | mg/kg | 3.7    | mg/kg |
| RY012-NSS-A  | 09FC-RY012-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ARSENIC       | 1             | Y           |               |              |           | 1             | mg/kg | 9.8    | mg/kg |
| RY012-NSS-A  | 09FC-RY012-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | BARIUM        | 20            | Y           |               |              |           | 20            | mg/kg | 137    | mg/kg |
| RY012-NSS-A  | 09FC-RY012-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | BERYLLIUM     | 0.5           | Y           | J             |              | J         | 0.5           | mg/kg | 0.28   | mg/kg |
| RY012-NSS-A  | 09FC-RY012-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CADMIUM       | 0.5           | Y           |               |              |           | 0.5           | mg/kg | 1      | mg/kg |
| RY012-NSS-A  | 09FC-RY012-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CHROMIUM      | 1             | Y           |               |              |           | 1             | mg/kg | 7      | mg/kg |
| RY012-NSS-A  | 09FC-RY012-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | COBALT        | 5             | Y           | J             |              | J         | 5             | mg/kg | 5.5    | mg/kg |
| RY012-NSS-A  | 09FC-RY012-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | COPPER        | 2.5           | Y           |               |              |           | 2.5           | mg/kg | 13.3   | mg/kg |
| RY012-NSS-A  | 09FC-RY012-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | VANADIUM      | 5             | Y           |               |              |           | 5             | mg/kg | 13.1   | mg/kg |
| RY012-NSS-A  | 09FC-RY012-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ZINC          | 6             | Y           |               |              |           | 6             | mg/kg | 202    | mg/kg |
| RY012-NSS-A  | 09FC-RY012-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CALCIUM       | 500           | Y           |               |              |           | 500           | mg/kg | 4060   | mg/kg |
| RY012-NSS-A  | 09FC-RY012-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SELENIUM      | 3.5           | N           | U             |              | U         | 3.5           | mg/kg | 4      | mg/kg |
| RY012-NSS-B  | 09FC-RY012-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ALUMINUM      | 20            | Y           |               |              |           | 20            | mg/kg | 5510   | mg/kg |
| RY012-NSS-B  | 09FC-RY012-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | IRON          | 10            | Y           |               |              |           | 10            | mg/kg | 10300  | mg/kg |
| RY012-NSS-B  | 09FC-RY012-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | LEAD          | 1             | Y           | J+            | J+           |           | 1             | mg/kg | 35.7   | mg/kg |
| RY012-NSS-B  | 09FC-RY012-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | MAGNESIUM     | 500           | Y           |               |              |           | 500           | mg/kg | 3520   | mg/kg |
| RY012-NSS-B  | 09FC-RY012-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | MANGANESE     | 1.5           | Y           |               |              |           | 1.5           | mg/kg | 234    | mg/kg |
| RY012-NSS-B  | 09FC-RY012-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | NICKEL        | 4             | Y           |               |              |           | 4             | mg/kg | 8.8    | mg/kg |
| RY012-NSS-B  | 09FC-RY012-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | POTASSIUM     | 500           | Y           |               |              |           | 500           | mg/kg | 1320   | mg/kg |
| RY012-NSS-B  | 09FC-RY012-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SILVER        | 1             | N           | U             |              | U         | 1             | mg/kg | 1      | mg/kg |
| RY012-NSS-B  | 09FC-RY012-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SODIUM        | 500           | N           | U             |              | U         | 500           | mg/kg | 520    | mg/kg |
| RY012-NSS-B  | 09FC-RY012-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5           | mg/kg | 2.6    | mg/kg |
| RY012-NSS-B  | 09FC-RY012-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ANTIMONY      | 6             | N           | U             |              | U         | 6             | mg/kg | 6.2    | mg/kg |
| RY012-NSS-B  | 09FC-RY012-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ARSENIC       | 1             | Y           |               |              |           | 1             | mg/kg | 9.2    | mg/kg |
| RY012-NSS-B  | 09FC-RY012-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | BARIUM        | 20            | Y           |               |              |           | 20            | mg/kg | 112    | mg/kg |
| RY012-NSS-B  | 09FC-RY012-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | BERYLLIUM     | 0.5           | Y           | J             |              | J         | 0.5           | mg/kg | 0.27   | mg/kg |
| RY012-NSS-B  | 09FC-RY012-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CADMIUM       | 0.5           | Y           | J             |              | J         | 0.5           | mg/kg | 0.44   | mg/kg |
| RY012-NSS-B  | 09FC-RY012-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CHROMIUM      | 1             | Y           |               |              |           | 1             | mg/kg | 5.8    | mg/kg |
| RY012-NSS-B  | 09FC-RY012-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | COBALT        | 5             | Y           |               |              |           | 5             | mg/kg | 6      | mg/kg |
| RY012-NSS-B  | 09FC-RY012-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | COPPER        | 2.5           | Y           |               |              |           | 2.5           | mg/kg | 13.7   | mg/kg |
| RY012-NSS-B  | 09FC-RY012-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | VANADIUM      | 5             | Y           |               |              |           | 5             | mg/kg | 12.7   | mg/kg |
| RY012-NSS-B  | 09FC-RY012-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ZINC          | 6             | Y           |               |              |           | 6             | mg/kg | 71.8   | mg/kg |
| RY012-NSS-B  | 09FC-RY012-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CALCIUM       | 500           | Y           |               |              |           | 500           | mg/kg | 12800  | mg/kg |
| RY012-NSS-B  | 09FC-RY012-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SELENIUM      | 3.5           | N           | U             |              | U         | 3.5           | mg/kg | 3.6    | mg/kg |
| RY012-NSS-C  | 09FC-RY012-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ALUMINUM      | 20            | Y           |               |              |           | 20            | mg/kg | 6420   | mg/kg |
| RY012-NSS-C  | 09FC-RY012-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | IRON          | 10            | Y           |               |              |           | 10            | mg/kg | 9000   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY012-NSS-C  | 09FC-RY012-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 13.6   | mg/kg |
| RY012-NSS-C  | 09FC-RY012-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3040   | mg/kg |
| RY012-NSS-C  | 09FC-RY012-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 394    | mg/kg |
| RY012-NSS-C  | 09FC-RY012-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.8    | mg/kg |
| RY012-NSS-C  | 09FC-RY012-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1750   | mg/kg |
| RY012-NSS-C  | 09FC-RY012-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SILVER        | 1                   | Y           | J             |              | J         | 1                   | mg/kg | 0.4    | mg/kg |
| RY012-NSS-C  | 09FC-RY012-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 530    | mg/kg |
| RY012-NSS-C  | 09FC-RY012-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.7    | mg/kg |
| RY012-NSS-C  | 09FC-RY012-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ANTIMONY      | 6                   | N           | U             |              | U         | 6                   | mg/kg | 6.4    | mg/kg |
| RY012-NSS-C  | 09FC-RY012-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 2.6    | mg/kg |
| RY012-NSS-C  | 09FC-RY012-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 175    | mg/kg |
| RY012-NSS-C  | 09FC-RY012-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.25   | mg/kg |
| RY012-NSS-C  | 09FC-RY012-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CADMIUM       | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.23   | mg/kg |
| RY012-NSS-C  | 09FC-RY012-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 6.5    | mg/kg |
| RY012-NSS-C  | 09FC-RY012-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 5.4    | mg/kg |
| RY012-NSS-C  | 09FC-RY012-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 10.2   | mg/kg |
| RY012-NSS-C  | 09FC-RY012-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 13.9   | mg/kg |
| RY012-NSS-C  | 09FC-RY012-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 56.6   | mg/kg |
| RY012-NSS-C  | 09FC-RY012-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 7090   | mg/kg |
| RY012-NSS-C  | 09FC-RY012-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.7    | mg/kg |
| RY013-NSB-D  | 09FC-RY013-NSB-D-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 7280   | mg/kg |
| RY013-NSB-D  | 09FC-RY013-NSB-D-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 9740   | mg/kg |
| RY013-NSB-D  | 09FC-RY013-NSB-D-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 12.9   | mg/kg |
| RY013-NSB-D  | 09FC-RY013-NSB-D-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2770   | mg/kg |
| RY013-NSB-D  | 09FC-RY013-NSB-D-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 330    | mg/kg |
| RY013-NSB-D  | 09FC-RY013-NSB-D-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6      | mg/kg |
| RY013-NSB-D  | 09FC-RY013-NSB-D-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1440   | mg/kg |
| RY013-NSB-D  | 09FC-RY013-NSB-D-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 1.1    | mg/kg |
| RY013-NSB-D  | 09FC-RY013-NSB-D-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 545    | mg/kg |
| RY013-NSB-D  | 09FC-RY013-NSB-D-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.7    | mg/kg |
| RY013-NSB-D  | 09FC-RY013-NSB-D-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | ANTIMONY      | 6                   | N           | U             |              | U         | 6                   | mg/kg | 6.5    | mg/kg |
| RY013-NSB-D  | 09FC-RY013-NSB-D-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 3.7    | mg/kg |
| RY013-NSB-D  | 09FC-RY013-NSB-D-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 132    | mg/kg |
| RY013-NSB-D  | 09FC-RY013-NSB-D-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.24   | mg/kg |
| RY013-NSB-D  | 09FC-RY013-NSB-D-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | CADMIUM       | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.21   | mg/kg |
| RY013-NSB-D  | 09FC-RY013-NSB-D-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 6.1    | mg/kg |
| RY013-NSB-D  | 09FC-RY013-NSB-D-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 5.1    | mg/kg |
| RY013-NSB-D  | 09FC-RY013-NSB-D-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 8.9    | mg/kg |
| RY013-NSB-D  | 09FC-RY013-NSB-D-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 16.3   | mg/kg |
| RY013-NSB-D  | 09FC-RY013-NSB-D-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 46.3   | mg/kg |
| RY013-NSB-D  | 09FC-RY013-NSB-D-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 1850   | mg/kg |
| RY013-NSB-D  | 09FC-RY013-NSB-D-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.8    | mg/kg |
| RY013-NSS-A  | 09FC-RY013-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 6150   | mg/kg |
| RY013-NSS-A  | 09FC-RY013-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 9450   | mg/kg |
| RY013-NSS-A  | 09FC-RY013-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 10.8   | mg/kg |
| RY013-NSS-A  | 09FC-RY013-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2830   | mg/kg |
| RY013-NSS-A  | 09FC-RY013-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 305    | mg/kg |
| RY013-NSS-A  | 09FC-RY013-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6      | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY013-NSS-A  | 09FC-RY013-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1520   | mg/kg |
| RY013-NSS-A  | 09FC-RY013-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 1.2    | mg/kg |
| RY013-NSS-A  | 09FC-RY013-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 577    | mg/kg |
| RY013-NSS-A  | 09FC-RY013-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.9    | mg/kg |
| RY013-NSS-A  | 09FC-RY013-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ANTIMONY      | 6                   | N           | U             |              | U         | 6                   | mg/kg | 6.9    | mg/kg |
| RY013-NSS-A  | 09FC-RY013-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 2.8    | mg/kg |
| RY013-NSS-A  | 09FC-RY013-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 120    | mg/kg |
| RY013-NSS-A  | 09FC-RY013-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.22   | mg/kg |
| RY013-NSS-A  | 09FC-RY013-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CADMIUM       | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.58   | mg/kg |
| RY013-NSS-A  | 09FC-RY013-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 6.2    | mg/kg |
| RY013-NSS-A  | 09FC-RY013-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.7    | mg/kg |
| RY013-NSS-A  | 09FC-RY013-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 8.2    | mg/kg |
| RY013-NSS-A  | 09FC-RY013-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 15.2   | mg/kg |
| RY013-NSS-A  | 09FC-RY013-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 36.9   | mg/kg |
| RY013-NSS-A  | 09FC-RY013-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 3270   | mg/kg |
| RY013-NSS-A  | 09FC-RY013-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 4      | mg/kg |
| RY013-NSS-B  | 09FC-RY013-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 4470   | mg/kg |
| RY013-NSS-B  | 09FC-RY013-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 6670   | mg/kg |
| RY013-NSS-B  | 09FC-RY013-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 19.7   | mg/kg |
| RY013-NSS-B  | 09FC-RY013-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2250   | mg/kg |
| RY013-NSS-B  | 09FC-RY013-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 289    | mg/kg |
| RY013-NSS-B  | 09FC-RY013-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 5      | mg/kg |
| RY013-NSS-B  | 09FC-RY013-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1070   | mg/kg |
| RY013-NSS-B  | 09FC-RY013-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 1.1    | mg/kg |
| RY013-NSS-B  | 09FC-RY013-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 540    | mg/kg |
| RY013-NSS-B  | 09FC-RY013-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.7    | mg/kg |
| RY013-NSS-B  | 09FC-RY013-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ANTIMONY      | 6                   | N           | U             |              | U         | 6                   | mg/kg | 6.5    | mg/kg |
| RY013-NSS-B  | 09FC-RY013-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 3      | mg/kg |
| RY013-NSS-B  | 09FC-RY013-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 115    | mg/kg |
| RY013-NSS-B  | 09FC-RY013-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.19   | mg/kg |
| RY013-NSS-B  | 09FC-RY013-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CADMIUM       | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.23   | mg/kg |
| RY013-NSS-B  | 09FC-RY013-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 4.6    | mg/kg |
| RY013-NSS-B  | 09FC-RY013-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.4    | mg/kg |
| RY013-NSS-B  | 09FC-RY013-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 8.1    | mg/kg |
| RY013-NSS-B  | 09FC-RY013-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 9.6    | mg/kg |
| RY013-NSS-B  | 09FC-RY013-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 61.3   | mg/kg |
| RY013-NSS-B  | 09FC-RY013-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 2490   | mg/kg |
| RY013-NSS-B  | 09FC-RY013-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.8    | mg/kg |
| RY013-NSS-D  | 09FC-RY013-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 3970   | mg/kg |
| RY013-NSS-D  | 09FC-RY013-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 6740   | mg/kg |
| RY013-NSS-D  | 09FC-RY013-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 21.4   | mg/kg |
| RY013-NSS-D  | 09FC-RY013-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2930   | mg/kg |
| RY013-NSS-D  | 09FC-RY013-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 238    | mg/kg |
| RY013-NSS-D  | 09FC-RY013-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 4.9    | mg/kg |
| RY013-NSS-D  | 09FC-RY013-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1220   | mg/kg |
| RY013-NSS-D  | 09FC-RY013-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 1.1    | mg/kg |
| RY013-NSS-D  | 09FC-RY013-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 572    | mg/kg |
| RY013-NSS-D  | 09FC-RY013-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.9    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY013-NSS-D  | 09FC-RY013-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ANTIMONY      | 6                   | N           | U             |              | U         | 6                   | mg/kg | 6.9    | mg/kg |
| RY013-NSS-D  | 09FC-RY013-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 4.5    | mg/kg |
| RY013-NSS-D  | 09FC-RY013-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 96.5   | mg/kg |
| RY013-NSS-D  | 09FC-RY013-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | BERYLLIUM     | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.57   | mg/kg |
| RY013-NSS-D  | 09FC-RY013-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CADMIUM       | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.27   | mg/kg |
| RY013-NSS-D  | 09FC-RY013-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 4.7    | mg/kg |
| RY013-NSS-D  | 09FC-RY013-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4      | mg/kg |
| RY013-NSS-D  | 09FC-RY013-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 9.1    | mg/kg |
| RY013-NSS-D  | 09FC-RY013-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 8.8    | mg/kg |
| RY013-NSS-D  | 09FC-RY013-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 57.1   | mg/kg |
| RY013-NSS-D  | 09FC-RY013-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 5240   | mg/kg |
| RY013-NSS-D  | 09FC-RY013-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 4      | mg/kg |
| RY014-DSS-B  | 09FC-RY014-DSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 4940   | mg/kg |
| RY014-DSS-B  | 09FC-RY014-DSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 7330   | mg/kg |
| RY014-DSS-B  | 09FC-RY014-DSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 14.6   | mg/kg |
| RY014-DSS-B  | 09FC-RY014-DSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2290   | mg/kg |
| RY014-DSS-B  | 09FC-RY014-DSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 232    | mg/kg |
| RY014-DSS-B  | 09FC-RY014-DSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 5.4    | mg/kg |
| RY014-DSS-B  | 09FC-RY014-DSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 741    | mg/kg |
| RY014-DSS-B  | 09FC-RY014-DSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 1      | mg/kg |
| RY014-DSS-B  | 09FC-RY014-DSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 516    | mg/kg |
| RY014-DSS-B  | 09FC-RY014-DSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY014-DSS-B  | 09FC-RY014-DSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ANTIMONY      | 6                   | N           | U             |              | U         | 6                   | mg/kg | 6.2    | mg/kg |
| RY014-DSS-B  | 09FC-RY014-DSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 3.1    | mg/kg |
| RY014-DSS-B  | 09FC-RY014-DSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 95.8   | mg/kg |
| RY014-DSS-B  | 09FC-RY014-DSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.2    | mg/kg |
| RY014-DSS-B  | 09FC-RY014-DSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CADMIUM       | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.27   | mg/kg |
| RY014-DSS-B  | 09FC-RY014-DSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 4.7    | mg/kg |
| RY014-DSS-B  | 09FC-RY014-DSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4      | mg/kg |
| RY014-DSS-B  | 09FC-RY014-DSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 25.5   | mg/kg |
| RY014-DSS-B  | 09FC-RY014-DSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 10.9   | mg/kg |
| RY014-DSS-B  | 09FC-RY014-DSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 50.4   | mg/kg |
| RY014-DSS-B  | 09FC-RY014-DSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 1860   | mg/kg |
| RY014-DSS-B  | 09FC-RY014-DSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.6    | mg/kg |
| RY014-NSS-A  | 09FC-RY014-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 4220   | mg/kg |
| RY014-NSS-A  | 09FC-RY014-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 6550   | mg/kg |
| RY014-NSS-A  | 09FC-RY014-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 18.7   | mg/kg |
| RY014-NSS-A  | 09FC-RY014-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2460   | mg/kg |
| RY014-NSS-A  | 09FC-RY014-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 224    | mg/kg |
| RY014-NSS-A  | 09FC-RY014-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 5      | mg/kg |
| RY014-NSS-A  | 09FC-RY014-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1180   | mg/kg |
| RY014-NSS-A  | 09FC-RY014-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 1.2    | mg/kg |
| RY014-NSS-A  | 09FC-RY014-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 582    | mg/kg |
| RY014-NSS-A  | 09FC-RY014-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.9    | mg/kg |
| RY014-NSS-A  | 09FC-RY014-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ANTIMONY      | 6                   | N           | U             |              | U         | 6                   | mg/kg | 7      | mg/kg |
| RY014-NSS-A  | 09FC-RY014-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 3.3    | mg/kg |
| RY014-NSS-A  | 09FC-RY014-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 91.8   | mg/kg |
| RY014-NSS-A  | 09FC-RY014-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | BERYLLIUM     | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.58   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY014-NSS-A  | 09FC-RY014-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CADMIUM       | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.24   | mg/kg |
| RY014-NSS-A  | 09FC-RY014-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 4.7    | mg/kg |
| RY014-NSS-A  | 09FC-RY014-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 3.7    | mg/kg |
| RY014-NSS-A  | 09FC-RY014-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 9      | mg/kg |
| RY014-NSS-A  | 09FC-RY014-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 9.8    | mg/kg |
| RY014-NSS-A  | 09FC-RY014-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 51.9   | mg/kg |
| RY014-NSS-A  | 09FC-RY014-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 2860   | mg/kg |
| RY014-NSS-A  | 09FC-RY014-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 4.1    | mg/kg |
| RY014-NSS-C  | 09FC-RY014-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 4690   | mg/kg |
| RY014-NSS-C  | 09FC-RY014-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 7190   | mg/kg |
| RY014-NSS-C  | 09FC-RY014-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 18.3   | mg/kg |
| RY014-NSS-C  | 09FC-RY014-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2440   | mg/kg |
| RY014-NSS-C  | 09FC-RY014-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 247    | mg/kg |
| RY014-NSS-C  | 09FC-RY014-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 5.6    | mg/kg |
| RY014-NSS-C  | 09FC-RY014-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 936    | mg/kg |
| RY014-NSS-C  | 09FC-RY014-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 1.1    | mg/kg |
| RY014-NSS-C  | 09FC-RY014-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 544    | mg/kg |
| RY014-NSS-C  | 09FC-RY014-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.7    | mg/kg |
| RY014-NSS-C  | 09FC-RY014-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ANTIMONY      | 6                   | N           | U             |              | U         | 6                   | mg/kg | 6.5    | mg/kg |
| RY014-NSS-C  | 09FC-RY014-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 3      | mg/kg |
| RY014-NSS-C  | 09FC-RY014-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 114    | mg/kg |
| RY014-NSS-C  | 09FC-RY014-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.2    | mg/kg |
| RY014-NSS-C  | 09FC-RY014-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CADMIUM       | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.36   | mg/kg |
| RY014-NSS-C  | 09FC-RY014-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 5.4    | mg/kg |
| RY014-NSS-C  | 09FC-RY014-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.1    | mg/kg |
| RY014-NSS-C  | 09FC-RY014-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 9.9    | mg/kg |
| RY014-NSS-C  | 09FC-RY014-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 11     | mg/kg |
| RY014-NSS-C  | 09FC-RY014-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 53.6   | mg/kg |
| RY014-NSS-C  | 09FC-RY014-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 3830   | mg/kg |
| RY014-NSS-C  | 09FC-RY014-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.8    | mg/kg |
| RY014-NSS-E  | 09FC-RY014-NSS-E-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 7220   | mg/kg |
| RY014-NSS-E  | 09FC-RY014-NSS-E-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 7810   | mg/kg |
| RY014-NSS-E  | 09FC-RY014-NSS-E-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 30.1   | mg/kg |
| RY014-NSS-E  | 09FC-RY014-NSS-E-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3180   | mg/kg |
| RY014-NSS-E  | 09FC-RY014-NSS-E-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 745    | mg/kg |
| RY014-NSS-E  | 09FC-RY014-NSS-E-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 7.3    | mg/kg |
| RY014-NSS-E  | 09FC-RY014-NSS-E-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3040   | mg/kg |
| RY014-NSS-E  | 09FC-RY014-NSS-E-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 1.2    | mg/kg |
| RY014-NSS-E  | 09FC-RY014-NSS-E-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 605    | mg/kg |
| RY014-NSS-E  | 09FC-RY014-NSS-E-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 3      | mg/kg |
| RY014-NSS-E  | 09FC-RY014-NSS-E-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ANTIMONY      | 6                   | N           | U             |              | U         | 6                   | mg/kg | 7.3    | mg/kg |
| RY014-NSS-E  | 09FC-RY014-NSS-E-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 11.6   | mg/kg |
| RY014-NSS-E  | 09FC-RY014-NSS-E-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 405    | mg/kg |
| RY014-NSS-E  | 09FC-RY014-NSS-E-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.21   | mg/kg |
| RY014-NSS-E  | 09FC-RY014-NSS-E-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 0.61   | mg/kg |
| RY014-NSS-E  | 09FC-RY014-NSS-E-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 12.9   | mg/kg |
| RY014-NSS-E  | 09FC-RY014-NSS-E-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 5.4    | mg/kg |
| RY014-NSS-E  | 09FC-RY014-NSS-E-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 33.3   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY014-NSS-E  | 09FC-RY014-NSS-E-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 12.5   | mg/kg |
| RY014-NSS-E  | 09FC-RY014-NSS-E-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 181    | mg/kg |
| RY014-NSS-E  | 09FC-RY014-NSS-E-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 19600  | mg/kg |
| RY014-NSS-E  | 09FC-RY014-NSS-E-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 4.2    | mg/kg |
| RY015-NSB-B  | 09FC-RY015-NSB-B-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 5880   | mg/kg |
| RY015-NSB-B  | 09FC-RY015-NSB-B-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 9180   | mg/kg |
| RY015-NSB-B  | 09FC-RY015-NSB-B-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 71.1   | mg/kg |
| RY015-NSB-B  | 09FC-RY015-NSB-B-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2800   | mg/kg |
| RY015-NSB-B  | 09FC-RY015-NSB-B-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 321    | mg/kg |
| RY015-NSB-B  | 09FC-RY015-NSB-B-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.8    | mg/kg |
| RY015-NSB-B  | 09FC-RY015-NSB-B-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1190   | mg/kg |
| RY015-NSB-B  | 09FC-RY015-NSB-B-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 1.1    | mg/kg |
| RY015-NSB-B  | 09FC-RY015-NSB-B-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 532    | mg/kg |
| RY015-NSB-B  | 09FC-RY015-NSB-B-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.7    | mg/kg |
| RY015-NSB-B  | 09FC-RY015-NSB-B-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | ANTIMONY      | 6                   | Y           | J             |              | J         | 6                   | mg/kg | 2.4    | mg/kg |
| RY015-NSB-B  | 09FC-RY015-NSB-B-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 66.7   | mg/kg |
| RY015-NSB-B  | 09FC-RY015-NSB-B-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 180    | mg/kg |
| RY015-NSB-B  | 09FC-RY015-NSB-B-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.27   | mg/kg |
| RY015-NSB-B  | 09FC-RY015-NSB-B-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 1.1    | mg/kg |
| RY015-NSB-B  | 09FC-RY015-NSB-B-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 5.7    | mg/kg |
| RY015-NSB-B  | 09FC-RY015-NSB-B-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 5.3    | mg/kg |
| RY015-NSB-B  | 09FC-RY015-NSB-B-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 14.6   | mg/kg |
| RY015-NSB-B  | 09FC-RY015-NSB-B-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 11.5   | mg/kg |
| RY015-NSB-B  | 09FC-RY015-NSB-B-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 119    | mg/kg |
| RY015-NSB-B  | 09FC-RY015-NSB-B-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 2390   | mg/kg |
| RY015-NSB-B  | 09FC-RY015-NSB-B-006012 | 8/4/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.7    | mg/kg |
| RY015-NSS-A  | 09FC-RY015-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 6850   | mg/kg |
| RY015-NSS-A  | 09FC-RY015-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 8540   | mg/kg |
| RY015-NSS-A  | 09FC-RY015-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 34.5   | mg/kg |
| RY015-NSS-A  | 09FC-RY015-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2420   | mg/kg |
| RY015-NSS-A  | 09FC-RY015-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 291    | mg/kg |
| RY015-NSS-A  | 09FC-RY015-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.1    | mg/kg |
| RY015-NSS-A  | 09FC-RY015-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1040   | mg/kg |
| RY015-NSS-A  | 09FC-RY015-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 1.1    | mg/kg |
| RY015-NSS-A  | 09FC-RY015-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 574    | mg/kg |
| RY015-NSS-A  | 09FC-RY015-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.9    | mg/kg |
| RY015-NSS-A  | 09FC-RY015-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ANTIMONY      | 6                   | N           | U             |              | U         | 6                   | mg/kg | 6.9    | mg/kg |
| RY015-NSS-A  | 09FC-RY015-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 4      | mg/kg |
| RY015-NSS-A  | 09FC-RY015-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 145    | mg/kg |
| RY015-NSS-A  | 09FC-RY015-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.25   | mg/kg |
| RY015-NSS-A  | 09FC-RY015-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CADMIUM       | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.38   | mg/kg |
| RY015-NSS-A  | 09FC-RY015-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 5.8    | mg/kg |
| RY015-NSS-A  | 09FC-RY015-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 5      | mg/kg |
| RY015-NSS-A  | 09FC-RY015-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 17.4   | mg/kg |
| RY015-NSS-A  | 09FC-RY015-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 12.7   | mg/kg |
| RY015-NSS-A  | 09FC-RY015-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 98.6   | mg/kg |
| RY015-NSS-A  | 09FC-RY015-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 2370   | mg/kg |
| RY015-NSS-A  | 09FC-RY015-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 4      | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY015-NSS-C  | 09FC-RY015-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 6810   | mg/kg |
| RY015-NSS-C  | 09FC-RY015-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 9270   | mg/kg |
| RY015-NSS-C  | 09FC-RY015-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 62.4   | mg/kg |
| RY015-NSS-C  | 09FC-RY015-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2590   | mg/kg |
| RY015-NSS-C  | 09FC-RY015-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 365    | mg/kg |
| RY015-NSS-C  | 09FC-RY015-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 5.9    | mg/kg |
| RY015-NSS-C  | 09FC-RY015-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 907    | mg/kg |
| RY015-NSS-C  | 09FC-RY015-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 1.3    | mg/kg |
| RY015-NSS-C  | 09FC-RY015-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 626    | mg/kg |
| RY015-NSS-C  | 09FC-RY015-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 3.1    | mg/kg |
| RY015-NSS-C  | 09FC-RY015-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ANTIMONY      | 6                   | N           | U             |              | U         | 6                   | mg/kg | 7.5    | mg/kg |
| RY015-NSS-C  | 09FC-RY015-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 7.5    | mg/kg |
| RY015-NSS-C  | 09FC-RY015-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 143    | mg/kg |
| RY015-NSS-C  | 09FC-RY015-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.26   | mg/kg |
| RY015-NSS-C  | 09FC-RY015-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CADMIUM       | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.57   | mg/kg |
| RY015-NSS-C  | 09FC-RY015-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 6.2    | mg/kg |
| RY015-NSS-C  | 09FC-RY015-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.6    | mg/kg |
| RY015-NSS-C  | 09FC-RY015-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 16.9   | mg/kg |
| RY015-NSS-C  | 09FC-RY015-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 13.7   | mg/kg |
| RY015-NSS-C  | 09FC-RY015-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 119    | mg/kg |
| RY015-NSS-C  | 09FC-RY015-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 3360   | mg/kg |
| RY015-NSS-C  | 09FC-RY015-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 4.4    | mg/kg |
| RY015-NSS-D  | 09FC-RY015-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 2370   | mg/kg |
| RY015-NSS-D  | 09FC-RY015-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 3990   | mg/kg |
| RY015-NSS-D  | 09FC-RY015-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 6.7    | mg/kg |
| RY015-NSS-D  | 09FC-RY015-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2020   | mg/kg |
| RY015-NSS-D  | 09FC-RY015-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 94.1   | mg/kg |
| RY015-NSS-D  | 09FC-RY015-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | NICKEL        | 4                   | Y           | J             |              | J         | 4                   | mg/kg | 3.8    | mg/kg |
| RY015-NSS-D  | 09FC-RY015-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | POTASSIUM     | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 307    | mg/kg |
| RY015-NSS-D  | 09FC-RY015-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 1      | mg/kg |
| RY015-NSS-D  | 09FC-RY015-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 500    | mg/kg |
| RY015-NSS-D  | 09FC-RY015-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.5    | mg/kg |
| RY015-NSS-D  | 09FC-RY015-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ANTIMONY      | 6                   | N           | U             |              | U         | 6                   | mg/kg | 6      | mg/kg |
| RY015-NSS-D  | 09FC-RY015-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 1.9    | mg/kg |
| RY015-NSS-D  | 09FC-RY015-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 170    | mg/kg |
| RY015-NSS-D  | 09FC-RY015-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.16   | mg/kg |
| RY015-NSS-D  | 09FC-RY015-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CADMIUM       | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.5    | mg/kg |
| RY015-NSS-D  | 09FC-RY015-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 2.8    | mg/kg |
| RY015-NSS-D  | 09FC-RY015-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 3.2    | mg/kg |
| RY015-NSS-D  | 09FC-RY015-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 11.7   | mg/kg |
| RY015-NSS-D  | 09FC-RY015-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | VANADIUM      | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 2.7    | mg/kg |
| RY015-NSS-D  | 09FC-RY015-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 14.3   | mg/kg |
| RY015-NSS-D  | 09FC-RY015-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 1140   | mg/kg |
| RY015-NSS-D  | 09FC-RY015-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.5    | mg/kg |
| RY015-NSS-E  | 09FC-RY015-NSS-E-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 5210   | mg/kg |
| RY015-NSS-E  | 09FC-RY015-NSS-E-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 7550   | mg/kg |
| RY015-NSS-E  | 09FC-RY015-NSS-E-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 14     | mg/kg |
| RY015-NSS-E  | 09FC-RY015-NSS-E-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2360   | mg/kg |



Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY015-NSS-E  | 09FC-RY015-NSS-E-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 219    | mg/kg |
| RY015-NSS-E  | 09FC-RY015-NSS-E-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 5.4    | mg/kg |
| RY015-NSS-E  | 09FC-RY015-NSS-E-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 827    | mg/kg |
| RY015-NSS-E  | 09FC-RY015-NSS-E-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 1.1    | mg/kg |
| RY015-NSS-E  | 09FC-RY015-NSS-E-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 554    | mg/kg |
| RY015-NSS-E  | 09FC-RY015-NSS-E-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.8    | mg/kg |
| RY015-NSS-E  | 09FC-RY015-NSS-E-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ANTIMONY      | 6                   | N           | U             |              | U         | 6                   | mg/kg | 6.6    | mg/kg |
| RY015-NSS-E  | 09FC-RY015-NSS-E-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 3.8    | mg/kg |
| RY015-NSS-E  | 09FC-RY015-NSS-E-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 100    | mg/kg |
| RY015-NSS-E  | 09FC-RY015-NSS-E-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.21   | mg/kg |
| RY015-NSS-E  | 09FC-RY015-NSS-E-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CADMIUM       | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.21   | mg/kg |
| RY015-NSS-E  | 09FC-RY015-NSS-E-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 4.9    | mg/kg |
| RY015-NSS-E  | 09FC-RY015-NSS-E-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.4    | mg/kg |
| RY015-NSS-E  | 09FC-RY015-NSS-E-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 14.7   | mg/kg |
| RY015-NSS-E  | 09FC-RY015-NSS-E-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 11.5   | mg/kg |
| RY015-NSS-E  | 09FC-RY015-NSS-E-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 39.4   | mg/kg |
| RY015-NSS-E  | 09FC-RY015-NSS-E-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 1930   | mg/kg |
| RY015-NSS-E  | 09FC-RY015-NSS-E-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.9    | mg/kg |
| RY015-NSS-G  | 09FC-RY015-NSS-G-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 6650   | mg/kg |
| RY015-NSS-G  | 09FC-RY015-NSS-G-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 8570   | mg/kg |
| RY015-NSS-G  | 09FC-RY015-NSS-G-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | LEAD          | 1                   | Y           | J+            |              | J+        | 1                   | mg/kg | 33.5   | mg/kg |
| RY015-NSS-G  | 09FC-RY015-NSS-G-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2420   | mg/kg |
| RY015-NSS-G  | 09FC-RY015-NSS-G-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 317    | mg/kg |
| RY015-NSS-G  | 09FC-RY015-NSS-G-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 5.7    | mg/kg |
| RY015-NSS-G  | 09FC-RY015-NSS-G-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 876    | mg/kg |
| RY015-NSS-G  | 09FC-RY015-NSS-G-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 1.2    | mg/kg |
| RY015-NSS-G  | 09FC-RY015-NSS-G-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 579    | mg/kg |
| RY015-NSS-G  | 09FC-RY015-NSS-G-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.9    | mg/kg |
| RY015-NSS-G  | 09FC-RY015-NSS-G-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ANTIMONY      | 6                   | N           | U             |              | U         | 6                   | mg/kg | 7      | mg/kg |
| RY015-NSS-G  | 09FC-RY015-NSS-G-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 4.3    | mg/kg |
| RY015-NSS-G  | 09FC-RY015-NSS-G-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 145    | mg/kg |
| RY015-NSS-G  | 09FC-RY015-NSS-G-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.23   | mg/kg |
| RY015-NSS-G  | 09FC-RY015-NSS-G-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CADMIUM       | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.4    | mg/kg |
| RY015-NSS-G  | 09FC-RY015-NSS-G-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 5.9    | mg/kg |
| RY015-NSS-G  | 09FC-RY015-NSS-G-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.5    | mg/kg |
| RY015-NSS-G  | 09FC-RY015-NSS-G-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 12.6   | mg/kg |
| RY015-NSS-G  | 09FC-RY015-NSS-G-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 13.4   | mg/kg |
| RY015-NSS-G  | 09FC-RY015-NSS-G-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 82.2   | mg/kg |
| RY015-NSS-G  | 09FC-RY015-NSS-G-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 2710   | mg/kg |
| RY015-NSS-G  | 09FC-RY015-NSS-G-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 4.1    | mg/kg |
| RY015-NSS-H  | 09FC-RY015-NSS-H-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 6590   | mg/kg |
| RY015-NSS-H  | 09FC-RY015-NSS-H-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 8040   | mg/kg |
| RY015-NSS-H  | 09FC-RY015-NSS-H-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | LEAD          | 1                   | Y           | J+            |              | J+        | 1                   | mg/kg | 35.2   | mg/kg |
| RY015-NSS-H  | 09FC-RY015-NSS-H-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2340   | mg/kg |
| RY015-NSS-H  | 09FC-RY015-NSS-H-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 317    | mg/kg |
| RY015-NSS-H  | 09FC-RY015-NSS-H-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 5.4    | mg/kg |
| RY015-NSS-H  | 09FC-RY015-NSS-H-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 870    | mg/kg |
| RY015-NSS-H  | 09FC-RY015-NSS-H-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 1.2    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY015-NSS-H  | 09FC-RY015-NSS-H-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 606    | mg/kg |
| RY015-NSS-H  | 09FC-RY015-NSS-H-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 3      | mg/kg |
| RY015-NSS-H  | 09FC-RY015-NSS-H-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ANTIMONY      | 6                   | N           | U             |              | U         | 6                   | mg/kg | 7.3    | mg/kg |
| RY015-NSS-H  | 09FC-RY015-NSS-H-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 3.9    | mg/kg |
| RY015-NSS-H  | 09FC-RY015-NSS-H-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 162    | mg/kg |
| RY015-NSS-H  | 09FC-RY015-NSS-H-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.24   | mg/kg |
| RY015-NSS-H  | 09FC-RY015-NSS-H-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CADMIUM       | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.41   | mg/kg |
| RY015-NSS-H  | 09FC-RY015-NSS-H-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 5.7    | mg/kg |
| RY015-NSS-H  | 09FC-RY015-NSS-H-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 5.2    | mg/kg |
| RY015-NSS-H  | 09FC-RY015-NSS-H-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 16     | mg/kg |
| RY015-NSS-H  | 09FC-RY015-NSS-H-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 12.4   | mg/kg |
| RY015-NSS-H  | 09FC-RY015-NSS-H-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 79.7   | mg/kg |
| RY015-NSS-H  | 09FC-RY015-NSS-H-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 3240   | mg/kg |
| RY015-NSS-H  | 09FC-RY015-NSS-H-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 4.2    | mg/kg |
| RY016-NSS-B  | 09FC-RY016-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 7400   | mg/kg |
| RY016-NSS-B  | 09FC-RY016-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 8710   | mg/kg |
| RY016-NSS-B  | 09FC-RY016-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 16.3   | mg/kg |
| RY016-NSS-B  | 09FC-RY016-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3080   | mg/kg |
| RY016-NSS-B  | 09FC-RY016-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 333    | mg/kg |
| RY016-NSS-B  | 09FC-RY016-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.9    | mg/kg |
| RY016-NSS-B  | 09FC-RY016-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1630   | mg/kg |
| RY016-NSS-B  | 09FC-RY016-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 1      | mg/kg |
| RY016-NSS-B  | 09FC-RY016-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 512    | mg/kg |
| RY016-NSS-B  | 09FC-RY016-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY016-NSS-B  | 09FC-RY016-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ANTIMONY      | 6                   | N           | U             |              | U         | 6                   | mg/kg | 6.1    | mg/kg |
| RY016-NSS-B  | 09FC-RY016-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 3.2    | mg/kg |
| RY016-NSS-B  | 09FC-RY016-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 159    | mg/kg |
| RY016-NSS-B  | 09FC-RY016-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.29   | mg/kg |
| RY016-NSS-B  | 09FC-RY016-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CADMIUM       | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.19   | mg/kg |
| RY016-NSS-B  | 09FC-RY016-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 5.8    | mg/kg |
| RY016-NSS-B  | 09FC-RY016-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 5.2    | mg/kg |
| RY016-NSS-B  | 09FC-RY016-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 11.7   | mg/kg |
| RY016-NSS-B  | 09FC-RY016-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 11.9   | mg/kg |
| RY016-NSS-B  | 09FC-RY016-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 43.3   | mg/kg |
| RY016-NSS-B  | 09FC-RY016-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 2320   | mg/kg |
| RY016-NSS-B  | 09FC-RY016-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.6    | mg/kg |
| RY016-NSS-D  | 09FC-RY016-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 6160   | mg/kg |
| RY016-NSS-D  | 09FC-RY016-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 12600  | mg/kg |
| RY016-NSS-D  | 09FC-RY016-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 22.7   | mg/kg |
| RY016-NSS-D  | 09FC-RY016-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 5490   | mg/kg |
| RY016-NSS-D  | 09FC-RY016-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 196    | mg/kg |
| RY016-NSS-D  | 09FC-RY016-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 11.7   | mg/kg |
| RY016-NSS-D  | 09FC-RY016-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3000   | mg/kg |
| RY016-NSS-D  | 09FC-RY016-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 1      | mg/kg |
| RY016-NSS-D  | 09FC-RY016-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 519    | mg/kg |
| RY016-NSS-D  | 09FC-RY016-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY016-NSS-D  | 09FC-RY016-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ANTIMONY      | 6                   | N           | U             |              | U         | 6                   | mg/kg | 6.2    | mg/kg |
| RY016-NSS-D  | 09FC-RY016-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 7.1    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY016-NSS-D  | 09FC-RY016-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 79.4   | mg/kg |
| RY016-NSS-D  | 09FC-RY016-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.19   | mg/kg |
| RY016-NSS-D  | 09FC-RY016-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CADMIUM       | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.24   | mg/kg |
| RY016-NSS-D  | 09FC-RY016-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 6.7    | mg/kg |
| RY016-NSS-D  | 09FC-RY016-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 8      | mg/kg |
| RY016-NSS-D  | 09FC-RY016-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 19.2   | mg/kg |
| RY016-NSS-D  | 09FC-RY016-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 10.9   | mg/kg |
| RY016-NSS-D  | 09FC-RY016-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 67.3   | mg/kg |
| RY016-NSS-D  | 09FC-RY016-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 12300  | mg/kg |
| RY016-NSS-D  | 09FC-RY016-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.6    | mg/kg |
| RY017-DSS-C  | 09FC-RY017-DSS-C-000002 | 8/5/2009    | FD          | 0           | 2         | in         | C200.7          | 8/24/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 5290   | mg/kg |
| RY017-DSS-C  | 09FC-RY017-DSS-C-000002 | 8/5/2009    | FD          | 0           | 2         | in         | C200.7          | 8/24/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 7310   | mg/kg |
| RY017-DSS-C  | 09FC-RY017-DSS-C-000002 | 8/5/2009    | FD          | 0           | 2         | in         | C200.7          | 8/24/2009     | LEAD          | 1                   | Y           | J+            |              | J+        | 1                   | mg/kg | 33.4   | mg/kg |
| RY017-DSS-C  | 09FC-RY017-DSS-C-000002 | 8/5/2009    | FD          | 0           | 2         | in         | C200.7          | 8/24/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2670   | mg/kg |
| RY017-DSS-C  | 09FC-RY017-DSS-C-000002 | 8/5/2009    | FD          | 0           | 2         | in         | C200.7          | 8/24/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 292    | mg/kg |
| RY017-DSS-C  | 09FC-RY017-DSS-C-000002 | 8/5/2009    | FD          | 0           | 2         | in         | C200.7          | 8/24/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 5.7    | mg/kg |
| RY017-DSS-C  | 09FC-RY017-DSS-C-000002 | 8/5/2009    | FD          | 0           | 2         | in         | C200.7          | 8/24/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1620   | mg/kg |
| RY017-DSS-C  | 09FC-RY017-DSS-C-000002 | 8/5/2009    | FD          | 0           | 2         | in         | C200.7          | 8/24/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 1      | mg/kg |
| RY017-DSS-C  | 09FC-RY017-DSS-C-000002 | 8/5/2009    | FD          | 0           | 2         | in         | C200.7          | 8/24/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 517    | mg/kg |
| RY017-DSS-C  | 09FC-RY017-DSS-C-000002 | 8/5/2009    | FD          | 0           | 2         | in         | C200.7          | 8/24/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY017-DSS-C  | 09FC-RY017-DSS-C-000002 | 8/5/2009    | FD          | 0           | 2         | in         | C200.7          | 8/24/2009     | ANTIMONY      | 6                   | N           | U             |              | U         | 6                   | mg/kg | 6.2    | mg/kg |
| RY017-DSS-C  | 09FC-RY017-DSS-C-000002 | 8/5/2009    | FD          | 0           | 2         | in         | C200.7          | 8/24/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 3.3    | mg/kg |
| RY017-DSS-C  | 09FC-RY017-DSS-C-000002 | 8/5/2009    | FD          | 0           | 2         | in         | C200.7          | 8/24/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 128    | mg/kg |
| RY017-DSS-C  | 09FC-RY017-DSS-C-000002 | 8/5/2009    | FD          | 0           | 2         | in         | C200.7          | 8/24/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.21   | mg/kg |
| RY017-DSS-C  | 09FC-RY017-DSS-C-000002 | 8/5/2009    | FD          | 0           | 2         | in         | C200.7          | 8/24/2009     | CADMIUM       | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.25   | mg/kg |
| RY017-DSS-C  | 09FC-RY017-DSS-C-000002 | 8/5/2009    | FD          | 0           | 2         | in         | C200.7          | 8/24/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 5.2    | mg/kg |
| RY017-DSS-C  | 09FC-RY017-DSS-C-000002 | 8/5/2009    | FD          | 0           | 2         | in         | C200.7          | 8/24/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.6    | mg/kg |
| RY017-DSS-C  | 09FC-RY017-DSS-C-000002 | 8/5/2009    | FD          | 0           | 2         | in         | C200.7          | 8/24/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 9.6    | mg/kg |
| RY017-DSS-C  | 09FC-RY017-DSS-C-000002 | 8/5/2009    | FD          | 0           | 2         | in         | C200.7          | 8/24/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 10.7   | mg/kg |
| RY017-DSS-C  | 09FC-RY017-DSS-C-000002 | 8/5/2009    | FD          | 0           | 2         | in         | C200.7          | 8/24/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 56.1   | mg/kg |
| RY017-DSS-C  | 09FC-RY017-DSS-C-000002 | 8/5/2009    | FD          | 0           | 2         | in         | C200.7          | 8/24/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 3310   | mg/kg |
| RY017-DSS-C  | 09FC-RY017-DSS-C-000002 | 8/5/2009    | FD          | 0           | 2         | in         | C200.7          | 8/24/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.6    | mg/kg |
| RY017-NSS-B  | 09FC-RY017-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 5450   | mg/kg |
| RY017-NSS-B  | 09FC-RY017-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 7830   | mg/kg |
| RY017-NSS-B  | 09FC-RY017-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | LEAD          | 1                   | Y           | J+            |              | J+        | 1                   | mg/kg | 43.1   | mg/kg |
| RY017-NSS-B  | 09FC-RY017-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2760   | mg/kg |
| RY017-NSS-B  | 09FC-RY017-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 318    | mg/kg |
| RY017-NSS-B  | 09FC-RY017-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.3    | mg/kg |
| RY017-NSS-B  | 09FC-RY017-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1380   | mg/kg |
| RY017-NSS-B  | 09FC-RY017-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 1.1    | mg/kg |
| RY017-NSS-B  | 09FC-RY017-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 545    | mg/kg |
| RY017-NSS-B  | 09FC-RY017-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.7    | mg/kg |
| RY017-NSS-B  | 09FC-RY017-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ANTIMONY      | 6                   | N           | U             |              | U         | 6                   | mg/kg | 6.5    | mg/kg |
| RY017-NSS-B  | 09FC-RY017-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 3.5    | mg/kg |
| RY017-NSS-B  | 09FC-RY017-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 145    | mg/kg |
| RY017-NSS-B  | 09FC-RY017-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.23   | mg/kg |
| RY017-NSS-B  | 09FC-RY017-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CADMIUM       | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.28   | mg/kg |
| RY017-NSS-B  | 09FC-RY017-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 6.1    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY017-NSS-B  | 09FC-RY017-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.5    | mg/kg |
| RY017-NSS-B  | 09FC-RY017-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 12.5   | mg/kg |
| RY017-NSS-B  | 09FC-RY017-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 11.2   | mg/kg |
| RY017-NSS-B  | 09FC-RY017-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 75.6   | mg/kg |
| RY017-NSS-B  | 09FC-RY017-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 2380   | mg/kg |
| RY017-NSS-B  | 09FC-RY017-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.8    | mg/kg |
| RY017-NSS-C  | 09FC-RY017-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 5090   | mg/kg |
| RY017-NSS-C  | 09FC-RY017-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 7060   | mg/kg |
| RY017-NSS-C  | 09FC-RY017-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 38.2   | mg/kg |
| RY017-NSS-C  | 09FC-RY017-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2540   | mg/kg |
| RY017-NSS-C  | 09FC-RY017-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 320    | mg/kg |
| RY017-NSS-C  | 09FC-RY017-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 5.3    | mg/kg |
| RY017-NSS-C  | 09FC-RY017-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1610   | mg/kg |
| RY017-NSS-C  | 09FC-RY017-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 1      | mg/kg |
| RY017-NSS-C  | 09FC-RY017-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 524    | mg/kg |
| RY017-NSS-C  | 09FC-RY017-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY017-NSS-C  | 09FC-RY017-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ANTIMONY      | 6                   | N           | U             |              | U         | 6                   | mg/kg | 6.3    | mg/kg |
| RY017-NSS-C  | 09FC-RY017-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 2.6    | mg/kg |
| RY017-NSS-C  | 09FC-RY017-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 132    | mg/kg |
| RY017-NSS-C  | 09FC-RY017-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.21   | mg/kg |
| RY017-NSS-C  | 09FC-RY017-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CADMIUM       | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.25   | mg/kg |
| RY017-NSS-C  | 09FC-RY017-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 5      | mg/kg |
| RY017-NSS-C  | 09FC-RY017-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.4    | mg/kg |
| RY017-NSS-C  | 09FC-RY017-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 9.2    | mg/kg |
| RY017-NSS-C  | 09FC-RY017-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 10.4   | mg/kg |
| RY017-NSS-C  | 09FC-RY017-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 59.9   | mg/kg |
| RY017-NSS-C  | 09FC-RY017-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 4460   | mg/kg |
| RY017-NSS-C  | 09FC-RY017-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.7    | mg/kg |
| RY017-NSS-D  | 09FC-RY017-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 4420   | mg/kg |
| RY017-NSS-D  | 09FC-RY017-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 5770   | mg/kg |
| RY017-NSS-D  | 09FC-RY017-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 14.3   | mg/kg |
| RY017-NSS-D  | 09FC-RY017-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3940   | mg/kg |
| RY017-NSS-D  | 09FC-RY017-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 169    | mg/kg |
| RY017-NSS-D  | 09FC-RY017-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.3    | mg/kg |
| RY017-NSS-D  | 09FC-RY017-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | POTASSIUM     | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 441    | mg/kg |
| RY017-NSS-D  | 09FC-RY017-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 1      | mg/kg |
| RY017-NSS-D  | 09FC-RY017-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 500    | mg/kg |
| RY017-NSS-D  | 09FC-RY017-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.5    | mg/kg |
| RY017-NSS-D  | 09FC-RY017-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ANTIMONY      | 6                   | N           | U             |              | U         | 6                   | mg/kg | 6      | mg/kg |
| RY017-NSS-D  | 09FC-RY017-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 1.9    | mg/kg |
| RY017-NSS-D  | 09FC-RY017-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 86     | mg/kg |
| RY017-NSS-D  | 09FC-RY017-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.24   | mg/kg |
| RY017-NSS-D  | 09FC-RY017-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CADMIUM       | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.5    | mg/kg |
| RY017-NSS-D  | 09FC-RY017-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 3.9    | mg/kg |
| RY017-NSS-D  | 09FC-RY017-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 3.5    | mg/kg |
| RY017-NSS-D  | 09FC-RY017-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 5      | mg/kg |
| RY017-NSS-D  | 09FC-RY017-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 5.4    | mg/kg |
| RY017-NSS-D  | 09FC-RY017-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 34.4   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY017-NSS-D  | 09FC-RY017-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 1870   | mg/kg |
| RY017-NSS-D  | 09FC-RY017-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.5    | mg/kg |
| RY018-DSB-A  | 09FC-RY018-DSB-A-002006 | 8/5/2009    | FD          | 2           | 6         | in         | C200.7          | 8/24/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 6930   | mg/kg |
| RY018-DSB-A  | 09FC-RY018-DSB-A-002006 | 8/5/2009    | FD          | 2           | 6         | in         | C200.7          | 8/24/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 12200  | mg/kg |
| RY018-DSB-A  | 09FC-RY018-DSB-A-002006 | 8/5/2009    | FD          | 2           | 6         | in         | C200.7          | 8/24/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 194    | mg/kg |
| RY018-DSB-A  | 09FC-RY018-DSB-A-002006 | 8/5/2009    | FD          | 2           | 6         | in         | C200.7          | 8/24/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3740   | mg/kg |
| RY018-DSB-A  | 09FC-RY018-DSB-A-002006 | 8/5/2009    | FD          | 2           | 6         | in         | C200.7          | 8/24/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 425    | mg/kg |
| RY018-DSB-A  | 09FC-RY018-DSB-A-002006 | 8/5/2009    | FD          | 2           | 6         | in         | C200.7          | 8/24/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 7.6    | mg/kg |
| RY018-DSB-A  | 09FC-RY018-DSB-A-002006 | 8/5/2009    | FD          | 2           | 6         | in         | C200.7          | 8/24/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1290   | mg/kg |
| RY018-DSB-A  | 09FC-RY018-DSB-A-002006 | 8/5/2009    | FD          | 2           | 6         | in         | C200.7          | 8/24/2009     | SILVER        | 1                   | Y           | J             |              | J         | 1                   | mg/kg | 0.73   | mg/kg |
| RY018-DSB-A  | 09FC-RY018-DSB-A-002006 | 8/5/2009    | FD          | 2           | 6         | in         | C200.7          | 8/24/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 519    | mg/kg |
| RY018-DSB-A  | 09FC-RY018-DSB-A-002006 | 8/5/2009    | FD          | 2           | 6         | in         | C200.7          | 8/24/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY018-DSB-A  | 09FC-RY018-DSB-A-002006 | 8/5/2009    | FD          | 2           | 6         | in         | C200.7          | 8/24/2009     | ANTIMONY      | 6                   | Y           |               |              |           | 6                   | mg/kg | 7.3    | mg/kg |
| RY018-DSB-A  | 09FC-RY018-DSB-A-002006 | 8/5/2009    | FD          | 2           | 6         | in         | C200.7          | 8/24/2009     | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 42.6   | mg/kg |
| RY018-DSB-A  | 09FC-RY018-DSB-A-002006 | 8/5/2009    | FD          | 2           | 6         | in         | C200.7          | 8/24/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 216    | mg/kg |
| RY018-DSB-A  | 09FC-RY018-DSB-A-002006 | 8/5/2009    | FD          | 2           | 6         | in         | C200.7          | 8/24/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.27   | mg/kg |
| RY018-DSB-A  | 09FC-RY018-DSB-A-002006 | 8/5/2009    | FD          | 2           | 6         | in         | C200.7          | 8/24/2009     | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 1.2    | mg/kg |
| RY018-DSB-A  | 09FC-RY018-DSB-A-002006 | 8/5/2009    | FD          | 2           | 6         | in         | C200.7          | 8/24/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 7.4    | mg/kg |
| RY018-DSB-A  | 09FC-RY018-DSB-A-002006 | 8/5/2009    | FD          | 2           | 6         | in         | C200.7          | 8/24/2009     | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 6.4    | mg/kg |
| RY018-DSB-A  | 09FC-RY018-DSB-A-002006 | 8/5/2009    | FD          | 2           | 6         | in         | C200.7          | 8/24/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 24.5   | mg/kg |
| RY018-DSB-A  | 09FC-RY018-DSB-A-002006 | 8/5/2009    | FD          | 2           | 6         | in         | C200.7          | 8/24/2009     | VANADIUM      | 5                   | Y           | J             | J            |           | 5                   | mg/kg | 19.8   | mg/kg |
| RY018-DSB-A  | 09FC-RY018-DSB-A-002006 | 8/5/2009    | FD          | 2           | 6         | in         | C200.7          | 8/24/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 192    | mg/kg |
| RY018-DSB-A  | 09FC-RY018-DSB-A-002006 | 8/5/2009    | FD          | 2           | 6         | in         | C200.7          | 8/24/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 3390   | mg/kg |
| RY018-DSB-A  | 09FC-RY018-DSB-A-002006 | 8/5/2009    | FD          | 2           | 6         | in         | C200.7          | 8/24/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.6    | mg/kg |
| RY018-NSB-A  | 09FC-RY018-NSB-A-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/25/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 6400   | mg/kg |
| RY018-NSB-A  | 09FC-RY018-NSB-A-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/25/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 9040   | mg/kg |
| RY018-NSB-A  | 09FC-RY018-NSB-A-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/25/2009     | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 117    | mg/kg |
| RY018-NSB-A  | 09FC-RY018-NSB-A-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/25/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3250   | mg/kg |
| RY018-NSB-A  | 09FC-RY018-NSB-A-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/25/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 420    | mg/kg |
| RY018-NSB-A  | 09FC-RY018-NSB-A-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/25/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 7.8    | mg/kg |
| RY018-NSB-A  | 09FC-RY018-NSB-A-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/25/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1040   | mg/kg |
| RY018-NSB-A  | 09FC-RY018-NSB-A-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/25/2009     | SILVER        | 1                   | Y           |               |              |           | 1                   | mg/kg | 1.2    | mg/kg |
| RY018-NSB-A  | 09FC-RY018-NSB-A-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/25/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 521    | mg/kg |
| RY018-NSB-A  | 09FC-RY018-NSB-A-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/25/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY018-NSB-A  | 09FC-RY018-NSB-A-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/25/2009     | ANTIMONY      | 6                   | Y           | J             |              | J         | 6                   | mg/kg | 3.9    | mg/kg |
| RY018-NSB-A  | 09FC-RY018-NSB-A-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/25/2009     | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 23.6   | mg/kg |
| RY018-NSB-A  | 09FC-RY018-NSB-A-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/25/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 213    | mg/kg |
| RY018-NSB-A  | 09FC-RY018-NSB-A-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/25/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.3    | mg/kg |
| RY018-NSB-A  | 09FC-RY018-NSB-A-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/25/2009     | CADMIUM       | 0.5                 | Y           | J             | J            |           | 0.5                 | mg/kg | 0.77   | mg/kg |
| RY018-NSB-A  | 09FC-RY018-NSB-A-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/25/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 6.3    | mg/kg |
| RY018-NSB-A  | 09FC-RY018-NSB-A-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/25/2009     | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 5.5    | mg/kg |
| RY018-NSB-A  | 09FC-RY018-NSB-A-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/25/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 17.4   | mg/kg |
| RY018-NSB-A  | 09FC-RY018-NSB-A-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/25/2009     | VANADIUM      | 5                   | Y           | J             | J            |           | 5                   | mg/kg | 12.4   | mg/kg |
| RY018-NSB-A  | 09FC-RY018-NSB-A-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/25/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 139    | mg/kg |
| RY018-NSB-A  | 09FC-RY018-NSB-A-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/25/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 3280   | mg/kg |
| RY018-NSB-A  | 09FC-RY018-NSB-A-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/25/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.6    | mg/kg |
| RY018-NSB-A  | 09FC-RY018-NSB-A-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/25/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 6810   | mg/kg |
| RY018-NSB-A  | 09FC-RY018-NSB-A-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/25/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 8940   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY018-NSB-A  | 09FC-RY018-NSB-A-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/25/2009     | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 82.5   | mg/kg |
| RY018-NSB-A  | 09FC-RY018-NSB-A-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/25/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3220   | mg/kg |
| RY018-NSB-A  | 09FC-RY018-NSB-A-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/25/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 329    | mg/kg |
| RY018-NSB-A  | 09FC-RY018-NSB-A-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/25/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.9    | mg/kg |
| RY018-NSB-A  | 09FC-RY018-NSB-A-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/25/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1110   | mg/kg |
| RY018-NSB-A  | 09FC-RY018-NSB-A-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/25/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 1      | mg/kg |
| RY018-NSB-A  | 09FC-RY018-NSB-A-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/25/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 517    | mg/kg |
| RY018-NSB-A  | 09FC-RY018-NSB-A-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/25/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY018-NSB-A  | 09FC-RY018-NSB-A-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/25/2009     | ANTIMONY      | 6                   | Y           | J             |              | J         | 6                   | mg/kg | 2.2    | mg/kg |
| RY018-NSB-A  | 09FC-RY018-NSB-A-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/25/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 21.7   | mg/kg |
| RY018-NSB-A  | 09FC-RY018-NSB-A-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/25/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 159    | mg/kg |
| RY018-NSB-A  | 09FC-RY018-NSB-A-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/25/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.3    | mg/kg |
| RY018-NSB-A  | 09FC-RY018-NSB-A-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/25/2009     | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 0.6    | mg/kg |
| RY018-NSB-A  | 09FC-RY018-NSB-A-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/25/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 6.2    | mg/kg |
| RY018-NSB-A  | 09FC-RY018-NSB-A-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/25/2009     | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 5.8    | mg/kg |
| RY018-NSB-A  | 09FC-RY018-NSB-A-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/25/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 12.2   | mg/kg |
| RY018-NSB-A  | 09FC-RY018-NSB-A-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/25/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 12.2   | mg/kg |
| RY018-NSB-A  | 09FC-RY018-NSB-A-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/25/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 104    | mg/kg |
| RY018-NSB-A  | 09FC-RY018-NSB-A-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/25/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 2630   | mg/kg |
| RY018-NSB-A  | 09FC-RY018-NSB-A-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/25/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.6    | mg/kg |
| RY018-NSS-A  | 09FC-RY018-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 6740   | mg/kg |
| RY018-NSS-A  | 09FC-RY018-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 9290   | mg/kg |
| RY018-NSS-A  | 09FC-RY018-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 132    | mg/kg |
| RY018-NSS-A  | 09FC-RY018-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3570   | mg/kg |
| RY018-NSS-A  | 09FC-RY018-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 362    | mg/kg |
| RY018-NSS-A  | 09FC-RY018-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 7.1    | mg/kg |
| RY018-NSS-A  | 09FC-RY018-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1080   | mg/kg |
| RY018-NSS-A  | 09FC-RY018-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SILVER        | 1                   | Y           |               |              |           | 1                   | mg/kg | 1.1    | mg/kg |
| RY018-NSS-A  | 09FC-RY018-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 520    | mg/kg |
| RY018-NSS-A  | 09FC-RY018-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY018-NSS-A  | 09FC-RY018-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ANTIMONY      | 6                   | Y           | J             | J            | J         | 6                   | mg/kg | 5      | mg/kg |
| RY018-NSS-A  | 09FC-RY018-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 18.5   | mg/kg |
| RY018-NSS-A  | 09FC-RY018-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 194    | mg/kg |
| RY018-NSS-A  | 09FC-RY018-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.33   | mg/kg |
| RY018-NSS-A  | 09FC-RY018-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 0.68   | mg/kg |
| RY018-NSS-A  | 09FC-RY018-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 6.8    | mg/kg |
| RY018-NSS-A  | 09FC-RY018-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 5.9    | mg/kg |
| RY018-NSS-A  | 09FC-RY018-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 16.8   | mg/kg |
| RY018-NSS-A  | 09FC-RY018-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 13.5   | mg/kg |
| RY018-NSS-A  | 09FC-RY018-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 138    | mg/kg |
| RY018-NSS-A  | 09FC-RY018-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 4190   | mg/kg |
| RY018-NSS-A  | 09FC-RY018-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.6    | mg/kg |
| RY018-NSS-B  | 09FC-RY018-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 6180   | mg/kg |
| RY018-NSS-B  | 09FC-RY018-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 8110   | mg/kg |
| RY018-NSS-B  | 09FC-RY018-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 57.5   | mg/kg |
| RY018-NSS-B  | 09FC-RY018-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2660   | mg/kg |
| RY018-NSS-B  | 09FC-RY018-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 363    | mg/kg |
| RY018-NSS-B  | 09FC-RY018-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 5.8    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY018-NSS-B  | 09FC-RY018-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1900   | mg/kg |
| RY018-NSS-B  | 09FC-RY018-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 1.2    | mg/kg |
| RY018-NSS-B  | 09FC-RY018-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 592    | mg/kg |
| RY018-NSS-B  | 09FC-RY018-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 3      | mg/kg |
| RY018-NSS-B  | 09FC-RY018-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ANTIMONY      | 6                   | N           | UJ            | UJ           | U         | 6                   | mg/kg | 7.1    | mg/kg |
| RY018-NSS-B  | 09FC-RY018-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 3.5    | mg/kg |
| RY018-NSS-B  | 09FC-RY018-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 163    | mg/kg |
| RY018-NSS-B  | 09FC-RY018-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.25   | mg/kg |
| RY018-NSS-B  | 09FC-RY018-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CADMIUM       | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.3    | mg/kg |
| RY018-NSS-B  | 09FC-RY018-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 6.5    | mg/kg |
| RY018-NSS-B  | 09FC-RY018-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.7    | mg/kg |
| RY018-NSS-B  | 09FC-RY018-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 13.3   | mg/kg |
| RY001-NSS-C  | 09FC-RY001-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 4070   | mg/kg |
| RY001-NSS-C  | 09FC-RY001-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 6940   | mg/kg |
| RY001-NSS-C  | 09FC-RY001-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 8.4    | mg/kg |
| RY001-NSS-C  | 09FC-RY001-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2470   | mg/kg |
| RY001-NSS-C  | 09FC-RY001-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 159    | mg/kg |
| RY001-NSS-C  | 09FC-RY001-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 5.4    | mg/kg |
| RY001-NSS-C  | 09FC-RY001-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1080   | mg/kg |
| RY001-NSS-C  | 09FC-RY001-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SILVER        | 1                   | N           | UJ            | UJ           | U         | 1                   | mg/kg | 1      | mg/kg |
| RY001-NSS-C  | 09FC-RY001-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 509    | mg/kg |
| RY001-NSS-C  | 09FC-RY001-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.5    | mg/kg |
| RY001-NSS-C  | 09FC-RY001-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ANTIMONY      | 6                   | N           | U             |              | U         | 6                   | mg/kg | 6.1    | mg/kg |
| RY001-NSS-C  | 09FC-RY001-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 2.6    | mg/kg |
| RY001-NSS-C  | 09FC-RY001-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 74     | mg/kg |
| RY001-NSS-C  | 09FC-RY001-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.2    | mg/kg |
| RY001-NSS-C  | 09FC-RY001-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CADMIUM       | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.51   | mg/kg |
| RY001-NSS-C  | 09FC-RY001-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 5.4    | mg/kg |
| RY001-NSS-C  | 09FC-RY001-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4      | mg/kg |
| RY001-NSS-C  | 09FC-RY001-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 9.6    | mg/kg |
| RY001-NSS-C  | 09FC-RY001-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 9.8    | mg/kg |
| RY001-NSS-C  | 09FC-RY001-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 27.8   | mg/kg |
| RY001-NSS-C  | 09FC-RY001-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 1400   | mg/kg |
| RY001-NSS-C  | 09FC-RY001-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.6    | mg/kg |
| RY002-NSS-D  | 09FC-RY002-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 5100   | mg/kg |
| RY002-NSS-D  | 09FC-RY002-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 8550   | mg/kg |
| RY002-NSS-D  | 09FC-RY002-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 22.8   | mg/kg |
| RY002-NSS-D  | 09FC-RY002-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3440   | mg/kg |
| RY002-NSS-D  | 09FC-RY002-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 253    | mg/kg |
| RY002-NSS-D  | 09FC-RY002-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 7.7    | mg/kg |
| RY002-NSS-D  | 09FC-RY002-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 826    | mg/kg |
| RY002-NSS-D  | 09FC-RY002-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SILVER        | 1                   | N           | UJ            | UJ           | U         | 1                   | mg/kg | 1      | mg/kg |
| RY002-NSS-D  | 09FC-RY002-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 502    | mg/kg |
| RY002-NSS-D  | 09FC-RY002-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.5    | mg/kg |
| RY002-NSS-D  | 09FC-RY002-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ANTIMONY      | 6                   | N           | U             |              | U         | 6                   | mg/kg | 6      | mg/kg |
| RY002-NSS-D  | 09FC-RY002-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 4.3    | mg/kg |
| RY002-NSS-D  | 09FC-RY002-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 181    | mg/kg |
| RY002-NSS-D  | 09FC-RY002-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.3    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY002-NSS-D  | 09FC-RY002-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CADMIUM       | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.5    | mg/kg |
| RY002-NSS-D  | 09FC-RY002-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 7.6    | mg/kg |
| RY002-NSS-D  | 09FC-RY002-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 7.9    | mg/kg |
| RY002-NSS-D  | 09FC-RY002-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 16.3   | mg/kg |
| RY002-NSS-D  | 09FC-RY002-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 8.5    | mg/kg |
| RY002-NSS-D  | 09FC-RY002-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 34.2   | mg/kg |
| RY002-NSS-D  | 09FC-RY002-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 2050   | mg/kg |
| RY002-NSS-D  | 09FC-RY002-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.5    | mg/kg |
| RY003-NSB-C  | 09FC-RY003-NSB-C-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 6590   | mg/kg |
| RY003-NSB-C  | 09FC-RY003-NSB-C-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 9460   | mg/kg |
| RY003-NSB-C  | 09FC-RY003-NSB-C-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 76.9   | mg/kg |
| RY003-NSB-C  | 09FC-RY003-NSB-C-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3470   | mg/kg |
| RY003-NSB-C  | 09FC-RY003-NSB-C-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 306    | mg/kg |
| RY003-NSB-C  | 09FC-RY003-NSB-C-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 7.4    | mg/kg |
| RY003-NSB-C  | 09FC-RY003-NSB-C-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1510   | mg/kg |
| RY003-NSB-C  | 09FC-RY003-NSB-C-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | SILVER        | 1                   | N           | UJ            | UJ           | U         | 1                   | mg/kg | 1      | mg/kg |
| RY003-NSB-C  | 09FC-RY003-NSB-C-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 510    | mg/kg |
| RY003-NSB-C  | 09FC-RY003-NSB-C-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY003-NSB-C  | 09FC-RY003-NSB-C-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | ANTIMONY      | 6                   | Y           | J             |              | J         | 6                   | mg/kg | 3.5    | mg/kg |
| RY003-NSB-C  | 09FC-RY003-NSB-C-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 14     | mg/kg |
| RY003-NSB-C  | 09FC-RY003-NSB-C-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 125    | mg/kg |
| RY003-NSB-C  | 09FC-RY003-NSB-C-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.31   | mg/kg |
| RY003-NSB-C  | 09FC-RY003-NSB-C-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 0.53   | mg/kg |
| RY003-NSB-C  | 09FC-RY003-NSB-C-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 6.3    | mg/kg |
| RY003-NSB-C  | 09FC-RY003-NSB-C-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 5.6    | mg/kg |
| RY003-NSB-C  | 09FC-RY003-NSB-C-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 12.6   | mg/kg |
| RY003-NSB-C  | 09FC-RY003-NSB-C-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 12.1   | mg/kg |
| RY003-NSB-C  | 09FC-RY003-NSB-C-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 100    | mg/kg |
| RY003-NSB-C  | 09FC-RY003-NSB-C-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 3260   | mg/kg |
| RY003-NSB-C  | 09FC-RY003-NSB-C-006012 | 8/3/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.6    | mg/kg |
| RY003-NSS-A  | 09FC-RY003-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 5880   | mg/kg |
| RY003-NSS-A  | 09FC-RY003-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 8020   | mg/kg |
| RY003-NSS-A  | 09FC-RY003-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 23.9   | mg/kg |
| RY003-NSS-A  | 09FC-RY003-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3180   | mg/kg |
| RY003-NSS-A  | 09FC-RY003-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 275    | mg/kg |
| RY003-NSS-A  | 09FC-RY003-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.4    | mg/kg |
| RY003-NSS-A  | 09FC-RY003-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1500   | mg/kg |
| RY003-NSS-A  | 09FC-RY003-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SILVER        | 1                   | N           | UJ            | UJ           | U         | 1                   | mg/kg | 1.1    | mg/kg |
| RY003-NSS-A  | 09FC-RY003-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 532    | mg/kg |
| RY003-NSS-A  | 09FC-RY003-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.7    | mg/kg |
| RY003-NSS-A  | 09FC-RY003-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ANTIMONY      | 6                   | N           | U             |              | U         | 6                   | mg/kg | 6.4    | mg/kg |
| RY003-NSS-A  | 09FC-RY003-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 4.3    | mg/kg |
| RY003-NSS-A  | 09FC-RY003-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 117    | mg/kg |
| RY003-NSS-A  | 09FC-RY003-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.27   | mg/kg |
| RY003-NSS-A  | 09FC-RY003-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CADMIUM       | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.25   | mg/kg |
| RY003-NSS-A  | 09FC-RY003-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 6.2    | mg/kg |
| RY003-NSS-A  | 09FC-RY003-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 5      | mg/kg |
| RY003-NSS-A  | 09FC-RY003-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 10.3   | mg/kg |



Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY003-NSS-A  | 09FC-RY003-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 10.7   | mg/kg |
| RY003-NSS-A  | 09FC-RY003-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 48.1   | mg/kg |
| RY003-NSS-A  | 09FC-RY003-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 2630   | mg/kg |
| RY003-NSS-A  | 09FC-RY003-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.7    | mg/kg |
| RY003-NSS-B  | 09FC-RY003-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 6120   | mg/kg |
| RY003-NSS-B  | 09FC-RY003-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 8290   | mg/kg |
| RY003-NSS-B  | 09FC-RY003-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 11.8   | mg/kg |
| RY003-NSS-B  | 09FC-RY003-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3420   | mg/kg |
| RY003-NSS-B  | 09FC-RY003-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 270    | mg/kg |
| RY003-NSS-B  | 09FC-RY003-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.9    | mg/kg |
| RY003-NSS-B  | 09FC-RY003-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1810   | mg/kg |
| RY003-NSS-B  | 09FC-RY003-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SILVER        | 1                   | N           | UJ            | UJ           | U         | 1                   | mg/kg | 1      | mg/kg |
| RY003-NSS-B  | 09FC-RY003-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 524    | mg/kg |
| RY003-NSS-B  | 09FC-RY003-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY003-NSS-B  | 09FC-RY003-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ANTIMONY      | 6                   | N           | U             |              | U         | 6                   | mg/kg | 6.3    | mg/kg |
| RY003-NSS-B  | 09FC-RY003-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 3      | mg/kg |
| RY003-NSS-B  | 09FC-RY003-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 133    | mg/kg |
| RY003-NSS-B  | 09FC-RY003-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.31   | mg/kg |
| RY003-NSS-B  | 09FC-RY003-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CADMIUM       | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.52   | mg/kg |
| RY003-NSS-B  | 09FC-RY003-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 6.5    | mg/kg |
| RY003-NSS-B  | 09FC-RY003-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 5.3    | mg/kg |
| RY003-NSS-B  | 09FC-RY003-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 11.4   | mg/kg |
| RY003-NSS-B  | 09FC-RY003-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 11     | mg/kg |
| RY003-NSS-B  | 09FC-RY003-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 41.7   | mg/kg |
| RY003-NSS-B  | 09FC-RY003-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 3280   | mg/kg |
| RY003-NSS-B  | 09FC-RY003-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.7    | mg/kg |
| RY003-NSS-C  | 09FC-RY003-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 5700   | mg/kg |
| RY003-NSS-C  | 09FC-RY003-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 8080   | mg/kg |
| RY003-NSS-C  | 09FC-RY003-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 19.8   | mg/kg |
| RY003-NSS-C  | 09FC-RY003-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3300   | mg/kg |
| RY003-NSS-C  | 09FC-RY003-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 271    | mg/kg |
| RY003-NSS-C  | 09FC-RY003-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.5    | mg/kg |
| RY003-NSS-C  | 09FC-RY003-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1730   | mg/kg |
| RY003-NSS-C  | 09FC-RY003-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SILVER        | 1                   | N           | UJ            | UJ           | U         | 1                   | mg/kg | 1      | mg/kg |
| RY003-NSS-C  | 09FC-RY003-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 505    | mg/kg |
| RY003-NSS-C  | 09FC-RY003-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.5    | mg/kg |
| RY003-NSS-C  | 09FC-RY003-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ANTIMONY      | 6                   | N           | U             |              | U         | 6                   | mg/kg | 6.1    | mg/kg |
| RY003-NSS-C  | 09FC-RY003-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 4.7    | mg/kg |
| RY003-NSS-C  | 09FC-RY003-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 120    | mg/kg |
| RY003-NSS-C  | 09FC-RY003-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.28   | mg/kg |
| RY003-NSS-C  | 09FC-RY003-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CADMIUM       | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.22   | mg/kg |
| RY003-NSS-C  | 09FC-RY003-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 5.6    | mg/kg |
| RY003-NSS-C  | 09FC-RY003-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 5.1    | mg/kg |
| RY003-NSS-C  | 09FC-RY003-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 12.3   | mg/kg |
| RY003-NSS-C  | 09FC-RY003-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 10.8   | mg/kg |
| RY003-NSS-C  | 09FC-RY003-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 44.8   | mg/kg |
| RY003-NSS-C  | 09FC-RY003-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 3690   | mg/kg |
| RY003-NSS-C  | 09FC-RY003-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.5    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY004-NSS-A  | 09FC-RY004-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 6020   | mg/kg |
| RY004-NSS-A  | 09FC-RY004-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 7700   | mg/kg |
| RY004-NSS-A  | 09FC-RY004-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 11.3   | mg/kg |
| RY004-NSS-A  | 09FC-RY004-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2960   | mg/kg |
| RY004-NSS-A  | 09FC-RY004-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 324    | mg/kg |
| RY004-NSS-A  | 09FC-RY004-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6      | mg/kg |
| RY004-NSS-A  | 09FC-RY004-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1420   | mg/kg |
| RY004-NSS-A  | 09FC-RY004-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SILVER        | 1                   | N           | UJ            | UJ           | U         | 1                   | mg/kg | 1.1    | mg/kg |
| RY004-NSS-A  | 09FC-RY004-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 532    | mg/kg |
| RY004-NSS-A  | 09FC-RY004-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.7    | mg/kg |
| RY004-NSS-A  | 09FC-RY004-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ANTIMONY      | 6                   | N           | U             |              | U         | 6                   | mg/kg | 6.4    | mg/kg |
| RY004-NSS-A  | 09FC-RY004-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 2.4    | mg/kg |
| RY004-NSS-A  | 09FC-RY004-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 135    | mg/kg |
| RY004-NSS-A  | 09FC-RY004-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.26   | mg/kg |
| RY004-NSS-A  | 09FC-RY004-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CADMIUM       | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.53   | mg/kg |
| RY004-NSS-A  | 09FC-RY004-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 5.7    | mg/kg |
| RY004-NSS-A  | 09FC-RY004-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.9    | mg/kg |
| RY004-NSS-A  | 09FC-RY004-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 9.7    | mg/kg |
| RY004-NSS-A  | 09FC-RY004-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 10.2   | mg/kg |
| RY004-NSS-A  | 09FC-RY004-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 32     | mg/kg |
| RY004-NSS-A  | 09FC-RY004-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 2360   | mg/kg |
| RY004-NSS-A  | 09FC-RY004-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.7    | mg/kg |
| RY004-NSS-C  | 09FC-RY004-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 5690   | mg/kg |
| RY004-NSS-C  | 09FC-RY004-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 7960   | mg/kg |
| RY004-NSS-C  | 09FC-RY004-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 9      | mg/kg |
| RY004-NSS-C  | 09FC-RY004-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3110   | mg/kg |
| RY004-NSS-C  | 09FC-RY004-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 222    | mg/kg |
| RY004-NSS-C  | 09FC-RY004-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.4    | mg/kg |
| RY004-NSS-C  | 09FC-RY004-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1540   | mg/kg |
| RY004-NSS-C  | 09FC-RY004-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SILVER        | 1                   | N           | UJ            | UJ           | U         | 1                   | mg/kg | 1.2    | mg/kg |
| RY004-NSS-C  | 09FC-RY004-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 582    | mg/kg |
| RY004-NSS-C  | 09FC-RY004-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.9    | mg/kg |
| RY004-NSS-C  | 09FC-RY004-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ANTIMONY      | 6                   | N           | U             |              | U         | 6                   | mg/kg | 7      | mg/kg |
| RY004-NSS-C  | 09FC-RY004-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 2.6    | mg/kg |
| RY004-NSS-C  | 09FC-RY004-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 101    | mg/kg |
| RY004-NSS-C  | 09FC-RY004-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.27   | mg/kg |
| RY004-NSS-C  | 09FC-RY004-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CADMIUM       | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.58   | mg/kg |
| RY004-NSS-C  | 09FC-RY004-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 6.1    | mg/kg |
| RY004-NSS-C  | 09FC-RY004-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 5      | mg/kg |
| RY004-NSS-C  | 09FC-RY004-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 9.9    | mg/kg |
| RY004-NSS-C  | 09FC-RY004-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 10.7   | mg/kg |
| RY004-NSS-C  | 09FC-RY004-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 30.4   | mg/kg |
| RY004-NSS-C  | 09FC-RY004-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 2540   | mg/kg |
| RY004-NSS-C  | 09FC-RY004-NSS-C-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 4.1    | mg/kg |
| RY004-NSS-D  | 09FC-RY004-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 4840   | mg/kg |
| RY004-NSS-D  | 09FC-RY004-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 6820   | mg/kg |
| RY004-NSS-D  | 09FC-RY004-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 10.3   | mg/kg |
| RY004-NSS-D  | 09FC-RY004-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2540   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY004-NSS-D  | 09FC-RY004-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 289    | mg/kg |
| RY004-NSS-D  | 09FC-RY004-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 5.6    | mg/kg |
| RY004-NSS-D  | 09FC-RY004-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1400   | mg/kg |
| RY004-NSS-D  | 09FC-RY004-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SILVER        | 1                   | N           | UJ            | UJ           | U         | 1                   | mg/kg | 1      | mg/kg |
| RY004-NSS-D  | 09FC-RY004-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 518    | mg/kg |
| RY004-NSS-D  | 09FC-RY004-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY004-NSS-D  | 09FC-RY004-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ANTIMONY      | 6                   | N           | U             |              | U         | 6                   | mg/kg | 6.2    | mg/kg |
| RY004-NSS-D  | 09FC-RY004-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 2.4    | mg/kg |
| RY004-NSS-D  | 09FC-RY004-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 110    | mg/kg |
| RY004-NSS-D  | 09FC-RY004-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.22   | mg/kg |
| RY004-NSS-D  | 09FC-RY004-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CADMIUM       | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.52   | mg/kg |
| RY004-NSS-D  | 09FC-RY004-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 5.2    | mg/kg |
| RY004-NSS-D  | 09FC-RY004-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.4    | mg/kg |
| RY004-NSS-D  | 09FC-RY004-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 9.9    | mg/kg |
| RY004-NSS-D  | 09FC-RY004-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 8.8    | mg/kg |
| RY004-NSS-D  | 09FC-RY004-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 31.6   | mg/kg |
| RY004-NSS-D  | 09FC-RY004-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 1760   | mg/kg |
| RY004-NSS-D  | 09FC-RY004-NSS-D-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.6    | mg/kg |
| RY005-NSB-C  | 09FC-RY005-NSB-C-002006 | 8/3/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 4530   | mg/kg |
| RY005-NSB-C  | 09FC-RY005-NSB-C-002006 | 8/3/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 8060   | mg/kg |
| RY005-NSB-C  | 09FC-RY005-NSB-C-002006 | 8/3/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 120    | mg/kg |
| RY005-NSB-C  | 09FC-RY005-NSB-C-002006 | 8/3/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2270   | mg/kg |
| RY005-NSB-C  | 09FC-RY005-NSB-C-002006 | 8/3/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 337    | mg/kg |
| RY005-NSB-C  | 09FC-RY005-NSB-C-002006 | 8/3/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.3    | mg/kg |
| RY005-NSB-C  | 09FC-RY005-NSB-C-002006 | 8/3/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1130   | mg/kg |
| RY005-NSB-C  | 09FC-RY005-NSB-C-002006 | 8/3/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | SILVER        | 1                   | N           | UJ            | UJ           | U         | 1                   | mg/kg | 1.1    | mg/kg |
| RY005-NSB-C  | 09FC-RY005-NSB-C-002006 | 8/3/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 556    | mg/kg |
| RY005-NSB-C  | 09FC-RY005-NSB-C-002006 | 8/3/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.8    | mg/kg |
| RY005-NSB-C  | 09FC-RY005-NSB-C-002006 | 8/3/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | ANTIMONY      | 6                   | N           | U             |              | U         | 6                   | mg/kg | 6.7    | mg/kg |
| RY005-NSB-C  | 09FC-RY005-NSB-C-002006 | 8/3/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 5.4    | mg/kg |
| RY005-NSB-C  | 09FC-RY005-NSB-C-002006 | 8/3/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 139    | mg/kg |
| RY005-NSB-C  | 09FC-RY005-NSB-C-002006 | 8/3/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.19   | mg/kg |
| RY005-NSB-C  | 09FC-RY005-NSB-C-002006 | 8/3/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | CADMIUM       | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.48   | mg/kg |
| RY005-NSB-C  | 09FC-RY005-NSB-C-002006 | 8/3/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 6.6    | mg/kg |
| RY005-NSB-C  | 09FC-RY005-NSB-C-002006 | 8/3/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.5    | mg/kg |
| RY005-NSB-C  | 09FC-RY005-NSB-C-002006 | 8/3/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 17.1   | mg/kg |
| RY005-NSB-C  | 09FC-RY005-NSB-C-002006 | 8/3/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 9.6    | mg/kg |
| RY005-NSB-C  | 09FC-RY005-NSB-C-002006 | 8/3/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 213    | mg/kg |
| RY005-NSB-C  | 09FC-RY005-NSB-C-002006 | 8/3/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 3480   | mg/kg |
| RY005-NSB-C  | 09FC-RY005-NSB-C-002006 | 8/3/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.9    | mg/kg |
| RY035-NSS-C  | 09FC-RY035-NSS-C-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 2.9    | mg/kg |
| RY035-NSS-C  | 09FC-RY035-NSS-C-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 7.3    | mg/kg |
| RY035-NSS-C  | 09FC-RY035-NSS-C-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 5      | mg/kg |
| RY035-NSS-C  | 09FC-RY035-NSS-C-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 33.2   | mg/kg |
| RY035-NSS-C  | 09FC-RY035-NSS-C-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 8570   | mg/kg |
| RY035-NSS-C  | 09FC-RY035-NSS-C-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.97   | mg/kg |
| RY036-NSB-D  | 09FC-RY036-NSB-D-002006 | 8/10/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 4060   | mg/kg |
| RY036-NSB-D  | 09FC-RY036-NSB-D-002006 | 8/10/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 16200  | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY036-NSB-D  | 09FC-RY036-NSB-D-002006 | 8/10/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 1070   | mg/kg |
| RY036-NSB-D  | 09FC-RY036-NSB-D-002006 | 8/10/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1940   | mg/kg |
| RY036-NSB-D  | 09FC-RY036-NSB-D-002006 | 8/10/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 956    | mg/kg |
| RY036-NSB-D  | 09FC-RY036-NSB-D-002006 | 8/10/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 4.4    | mg/kg |
| RY036-NSB-D  | 09FC-RY036-NSB-D-002006 | 8/10/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1120   | mg/kg |
| RY036-NSB-D  | 09FC-RY036-NSB-D-002006 | 8/10/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | SILVER        | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 8.5    | mg/kg |
| RY036-NSB-D  | 09FC-RY036-NSB-D-002006 | 8/10/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY036-NSB-D  | 09FC-RY036-NSB-D-002006 | 8/10/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2      | mg/kg |
| RY036-NSB-D  | 09FC-RY036-NSB-D-002006 | 8/10/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | ANTIMONY      | 6                   | Y           |               |              |           | 6                   | mg/kg | 162    | mg/kg |
| RY036-NSB-D  | 09FC-RY036-NSB-D-002006 | 8/10/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 236    | mg/kg |
| RY036-NSB-D  | 09FC-RY036-NSB-D-002006 | 8/10/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 110    | mg/kg |
| RY036-NSB-D  | 09FC-RY036-NSB-D-002006 | 8/10/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.3    | mg/kg |
| RY036-NSB-D  | 09FC-RY036-NSB-D-002006 | 8/10/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 7.6    | mg/kg |
| RY036-NSB-D  | 09FC-RY036-NSB-D-002006 | 8/10/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 4.9    | mg/kg |
| RY036-NSB-D  | 09FC-RY036-NSB-D-002006 | 8/10/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 3.3    | mg/kg |
| RY036-NSB-D  | 09FC-RY036-NSB-D-002006 | 8/10/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 17.3   | mg/kg |
| RY036-NSB-D  | 09FC-RY036-NSB-D-002006 | 8/10/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 7.9    | mg/kg |
| RY036-NSB-D  | 09FC-RY036-NSB-D-002006 | 8/10/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 1180   | mg/kg |
| RY036-NSB-D  | 09FC-RY036-NSB-D-002006 | 8/10/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 1850   | mg/kg |
| RY036-NSB-D  | 09FC-RY036-NSB-D-002006 | 8/10/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 1.2    | mg/kg |
| RY036-NSB-D  | 09FC-RY036-NSB-D-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 4220   | mg/kg |
| RY036-NSB-D  | 09FC-RY036-NSB-D-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 13900  | mg/kg |
| RY036-NSB-D  | 09FC-RY036-NSB-D-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 1170   | mg/kg |
| RY036-NSB-D  | 09FC-RY036-NSB-D-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1850   | mg/kg |
| RY036-NSB-D  | 09FC-RY036-NSB-D-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 944    | mg/kg |
| RY036-NSB-D  | 09FC-RY036-NSB-D-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 4.4    | mg/kg |
| RY036-NSB-D  | 09FC-RY036-NSB-D-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1080   | mg/kg |
| RY036-NSB-D  | 09FC-RY036-NSB-D-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | SILVER        | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 11.7   | mg/kg |
| RY036-NSB-D  | 09FC-RY036-NSB-D-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY036-NSB-D  | 09FC-RY036-NSB-D-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 1.8    | mg/kg |
| RY036-NSB-D  | 09FC-RY036-NSB-D-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ANTIMONY      | 6                   | Y           |               |              |           | 6                   | mg/kg | 205    | mg/kg |
| RY036-NSB-D  | 09FC-RY036-NSB-D-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 377    | mg/kg |
| RY036-NSB-D  | 09FC-RY036-NSB-D-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 126    | mg/kg |
| RY036-NSB-D  | 09FC-RY036-NSB-D-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.29   | mg/kg |
| RY036-NSB-D  | 09FC-RY036-NSB-D-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 9.7    | mg/kg |
| RY036-NSB-D  | 09FC-RY036-NSB-D-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 4.8    | mg/kg |
| RY036-NSB-D  | 09FC-RY036-NSB-D-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 3.5    | mg/kg |
| RY036-NSB-D  | 09FC-RY036-NSB-D-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 17.9   | mg/kg |
| RY036-NSB-D  | 09FC-RY036-NSB-D-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 8      | mg/kg |
| RY036-NSB-D  | 09FC-RY036-NSB-D-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 1330   | mg/kg |
| RY036-NSB-D  | 09FC-RY036-NSB-D-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 1940   | mg/kg |
| RY036-NSB-D  | 09FC-RY036-NSB-D-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 1.2    | mg/kg |
| RY036-NSS-C  | 09FC-RY036-NSS-C-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 4520   | mg/kg |
| RY036-NSS-C  | 09FC-RY036-NSS-C-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 6490   | mg/kg |
| RY036-NSS-C  | 09FC-RY036-NSS-C-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 102    | mg/kg |
| RY036-NSS-C  | 09FC-RY036-NSS-C-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2000   | mg/kg |
| RY036-NSS-C  | 09FC-RY036-NSS-C-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 274    | mg/kg |
| RY036-NSS-C  | 09FC-RY036-NSS-C-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 4.3    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY036-NSS-C  | 09FC-RY036-NSS-C-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 790    | mg/kg |
| RY036-NSS-C  | 09FC-RY036-NSS-C-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | SILVER        | 1                   | Y           | J+            | J+           | J         | 1                   | mg/kg | 0.21   | mg/kg |
| RY036-NSS-C  | 09FC-RY036-NSS-C-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY036-NSS-C  | 09FC-RY036-NSS-C-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.1    | mg/kg |
| RY036-NSS-C  | 09FC-RY036-NSS-C-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ANTIMONY      | 6                   | Y           | J             |              | J         | 6                   | mg/kg | 1.9    | mg/kg |
| RY036-NSS-C  | 09FC-RY036-NSS-C-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 4.5    | mg/kg |
| RY036-NSS-C  | 09FC-RY036-NSS-C-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 99.9   | mg/kg |
| RY036-NSS-C  | 09FC-RY036-NSS-C-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.26   | mg/kg |
| RY036-NSS-C  | 09FC-RY036-NSS-C-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | CADMIUM       | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.096  | mg/kg |
| RY036-NSS-C  | 09FC-RY036-NSS-C-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 5.1    | mg/kg |
| RY036-NSS-C  | 09FC-RY036-NSS-C-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 3.2    | mg/kg |
| RY036-NSS-C  | 09FC-RY036-NSS-C-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 9.7    | mg/kg |
| RY036-NSS-C  | 09FC-RY036-NSS-C-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 7.5    | mg/kg |
| RY036-NSS-C  | 09FC-RY036-NSS-C-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 120    | mg/kg |
| RY036-NSS-C  | 09FC-RY036-NSS-C-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 2240   | mg/kg |
| RY036-NSS-C  | 09FC-RY036-NSS-C-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.95   | mg/kg |
| RY036-NSS-D  | 09FC-RY036-NSS-D-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 3060   | mg/kg |
| RY036-NSS-D  | 09FC-RY036-NSS-D-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 25400  | mg/kg |
| RY036-NSS-D  | 09FC-RY036-NSS-D-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 1710   | mg/kg |
| RY036-NSS-D  | 09FC-RY036-NSS-D-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1690   | mg/kg |
| RY036-NSS-D  | 09FC-RY036-NSS-D-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 1750   | mg/kg |
| RY036-NSS-D  | 09FC-RY036-NSS-D-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 4.2    | mg/kg |
| RY036-NSS-D  | 09FC-RY036-NSS-D-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 829    | mg/kg |
| RY036-NSS-D  | 09FC-RY036-NSS-D-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | SILVER        | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 15.9   | mg/kg |
| RY036-NSS-D  | 09FC-RY036-NSS-D-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY036-NSS-D  | 09FC-RY036-NSS-D-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.1    | mg/kg |
| RY036-NSS-D  | 09FC-RY036-NSS-D-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ANTIMONY      | 6                   | Y           |               |              |           | 6                   | mg/kg | 227    | mg/kg |
| RY036-NSS-D  | 09FC-RY036-NSS-D-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 737    | mg/kg |
| RY036-NSS-D  | 09FC-RY036-NSS-D-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 78.1   | mg/kg |
| RY036-NSS-D  | 09FC-RY036-NSS-D-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.26   | mg/kg |
| RY036-NSS-D  | 09FC-RY036-NSS-D-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 9.7    | mg/kg |
| RY036-NSS-D  | 09FC-RY036-NSS-D-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 3.9    | mg/kg |
| RY036-NSS-D  | 09FC-RY036-NSS-D-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 3      | mg/kg |
| RY036-NSS-D  | 09FC-RY036-NSS-D-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 40.2   | mg/kg |
| RY036-NSS-D  | 09FC-RY036-NSS-D-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 6.3    | mg/kg |
| RY036-NSS-D  | 09FC-RY036-NSS-D-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 1770   | mg/kg |
| RY036-NSS-D  | 09FC-RY036-NSS-D-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 1470   | mg/kg |
| RY036-NSS-D  | 09FC-RY036-NSS-D-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 2.4    | mg/kg |
| RY038-NSB-B  | 09FC-RY038-NSB-B-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 5280   | mg/kg |
| RY038-NSB-B  | 09FC-RY038-NSB-B-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 6190   | mg/kg |
| RY038-NSB-B  | 09FC-RY038-NSB-B-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 29.5   | mg/kg |
| RY038-NSB-B  | 09FC-RY038-NSB-B-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1760   | mg/kg |
| RY038-NSB-B  | 09FC-RY038-NSB-B-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 278    | mg/kg |
| RY038-NSB-B  | 09FC-RY038-NSB-B-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 4.7    | mg/kg |
| RY038-NSB-B  | 09FC-RY038-NSB-B-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 770    | mg/kg |
| RY038-NSB-B  | 09FC-RY038-NSB-B-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | SILVER        | 1                   | N           | UJ            | UJ           | U         | 1                   | mg/kg | 0.81   | mg/kg |
| RY038-NSB-B  | 09FC-RY038-NSB-B-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY038-NSB-B  | 09FC-RY038-NSB-B-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2      | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY038-NSB-B  | 09FC-RY038-NSB-B-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ANTIMONY      | 6                   | Y           | J             |              | J         | 6                   | mg/kg | 1.2    | mg/kg |
| RY038-NSB-B  | 09FC-RY038-NSB-B-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 2.9    | mg/kg |
| RY038-NSB-B  | 09FC-RY038-NSB-B-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 98.8   | mg/kg |
| RY038-NSB-B  | 09FC-RY038-NSB-B-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.28   | mg/kg |
| RY038-NSB-B  | 09FC-RY038-NSB-B-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | CADMIUM       | 0.5                 | Y           | UJ            | UJ           |           | 0.5                 | mg/kg | 0.5    | mg/kg |
| RY038-NSB-B  | 09FC-RY038-NSB-B-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 4.1    | mg/kg |
| RY038-NSB-B  | 09FC-RY038-NSB-B-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 3.1    | mg/kg |
| RY038-NSB-B  | 09FC-RY038-NSB-B-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 6.5    | mg/kg |
| RY038-NSB-B  | 09FC-RY038-NSB-B-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 7.7    | mg/kg |
| RY038-NSB-B  | 09FC-RY038-NSB-B-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 85.8   | mg/kg |
| RY038-NSB-B  | 09FC-RY038-NSB-B-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 1750   | mg/kg |
| RY038-NSB-B  | 09FC-RY038-NSB-B-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.54   | mg/kg |
| RY043-NSB-B  | 09FC-RY043-NSB-B-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 7550   | mg/kg |
| RY043-NSB-B  | 09FC-RY043-NSB-B-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 8090   | mg/kg |
| RY043-NSB-B  | 09FC-RY043-NSB-B-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 17700  | mg/kg |
| RY043-NSB-B  | 09FC-RY043-NSB-B-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1920   | mg/kg |
| RY043-NSB-B  | 09FC-RY043-NSB-B-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 474    | mg/kg |
| RY043-NSB-B  | 09FC-RY043-NSB-B-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 5.7    | mg/kg |
| RY043-NSB-B  | 09FC-RY043-NSB-B-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 897    | mg/kg |
| RY043-NSB-B  | 09FC-RY043-NSB-B-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | SILVER        | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 1.3    | mg/kg |
| RY043-NSB-B  | 09FC-RY043-NSB-B-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY043-NSB-B  | 09FC-RY043-NSB-B-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.4    | mg/kg |
| RY043-NSB-B  | 09FC-RY043-NSB-B-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | ANTIMONY      | 6                   | Y           |               |              |           | 6                   | mg/kg | 520    | mg/kg |
| RY043-NSB-B  | 09FC-RY043-NSB-B-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 172    | mg/kg |
| RY043-NSB-B  | 09FC-RY043-NSB-B-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 166    | mg/kg |
| RY043-NSB-B  | 09FC-RY043-NSB-B-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.35   | mg/kg |
| RY043-NSB-B  | 09FC-RY043-NSB-B-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 0.71   | mg/kg |
| RY043-NSB-B  | 09FC-RY043-NSB-B-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 5.2    | mg/kg |
| RY043-NSB-B  | 09FC-RY043-NSB-B-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4      | mg/kg |
| RY043-NSB-B  | 09FC-RY043-NSB-B-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 15.4   | mg/kg |
| RY043-NSB-B  | 09FC-RY043-NSB-B-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 10.7   | mg/kg |
| RY043-NSB-B  | 09FC-RY043-NSB-B-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 114    | mg/kg |
| RY043-NSB-B  | 09FC-RY043-NSB-B-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 3110   | mg/kg |
| RY043-NSB-B  | 09FC-RY043-NSB-B-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.9    | mg/kg |
| RY043-NSB-E  | 09FC-RY043-NSB-E-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 6760   | mg/kg |
| RY043-NSB-E  | 09FC-RY043-NSB-E-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 9650   | mg/kg |
| RY043-NSB-E  | 09FC-RY043-NSB-E-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 403    | mg/kg |
| RY043-NSB-E  | 09FC-RY043-NSB-E-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2650   | mg/kg |
| RY043-NSB-E  | 09FC-RY043-NSB-E-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 397    | mg/kg |
| RY043-NSB-E  | 09FC-RY043-NSB-E-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6      | mg/kg |
| RY043-NSB-E  | 09FC-RY043-NSB-E-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1010   | mg/kg |
| RY043-NSB-E  | 09FC-RY043-NSB-E-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | SILVER        | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 3.1    | mg/kg |
| RY043-NSB-E  | 09FC-RY043-NSB-E-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY043-NSB-E  | 09FC-RY043-NSB-E-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2      | mg/kg |
| RY043-NSB-E  | 09FC-RY043-NSB-E-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | ANTIMONY      | 6                   | Y           |               |              |           | 6                   | mg/kg | 46.8   | mg/kg |
| RY043-NSB-E  | 09FC-RY043-NSB-E-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 83.9   | mg/kg |
| RY043-NSB-E  | 09FC-RY043-NSB-E-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 106    | mg/kg |
| RY043-NSB-E  | 09FC-RY043-NSB-E-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.35   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY043-NSB-E  | 09FC-RY043-NSB-E-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 1.4    | mg/kg |
| RY043-NSB-E  | 09FC-RY043-NSB-E-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 4.9    | mg/kg |
| RY043-NSB-E  | 09FC-RY043-NSB-E-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 3.6    | mg/kg |
| RY043-NSB-E  | 09FC-RY043-NSB-E-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 15.8   | mg/kg |
| RY043-NSB-E  | 09FC-RY043-NSB-E-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 7.6    | mg/kg |
| RY043-NSB-E  | 09FC-RY043-NSB-E-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 219    | mg/kg |
| RY043-NSB-E  | 09FC-RY043-NSB-E-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 5470   | mg/kg |
| RY043-NSB-E  | 09FC-RY043-NSB-E-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 1      | mg/kg |
| RY043-NSB-E  | 09FC-RY043-NSB-E-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 7070   | mg/kg |
| RY043-NSB-E  | 09FC-RY043-NSB-E-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 10100  | mg/kg |
| RY043-NSB-E  | 09FC-RY043-NSB-E-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 843    | mg/kg |
| RY043-NSB-E  | 09FC-RY043-NSB-E-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2890   | mg/kg |
| RY043-NSB-E  | 09FC-RY043-NSB-E-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 399    | mg/kg |
| RY043-NSB-E  | 09FC-RY043-NSB-E-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 5.8    | mg/kg |
| RY043-NSB-E  | 09FC-RY043-NSB-E-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 928    | mg/kg |
| RY043-NSB-E  | 09FC-RY043-NSB-E-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | SILVER        | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 14.8   | mg/kg |
| RY043-NSB-E  | 09FC-RY043-NSB-E-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY043-NSB-E  | 09FC-RY043-NSB-E-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 1.8    | mg/kg |
| RY043-NSB-E  | 09FC-RY043-NSB-E-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ANTIMONY      | 6                   | Y           |               |              |           | 6                   | mg/kg | 122    | mg/kg |
| RY043-NSB-E  | 09FC-RY043-NSB-E-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 111    | mg/kg |
| RY043-NSB-E  | 09FC-RY043-NSB-E-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 105    | mg/kg |
| RY043-NSB-E  | 09FC-RY043-NSB-E-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.33   | mg/kg |
| RY043-NSB-E  | 09FC-RY043-NSB-E-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 9.1    | mg/kg |
| RY043-NSB-E  | 09FC-RY043-NSB-E-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 4.5    | mg/kg |
| RY103-NSB-B  | 09FC-RY103-NSB-B-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 13.8   | mg/kg |
| RY103-NSB-B  | 09FC-RY103-NSB-B-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | BARIUM        | 20                  | Y           |               |              | J         | 20                  | mg/kg | 149    | mg/kg |
| RY103-NSB-B  | 09FC-RY103-NSB-B-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              |           | 0.5                 | mg/kg | 0.27   | mg/kg |
| RY103-NSB-B  | 09FC-RY103-NSB-B-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | CADMIUM       | 0.5                 | Y           | J             | J            |           | 0.5                 | mg/kg | 0.81   | mg/kg |
| RY103-NSB-B  | 09FC-RY103-NSB-B-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | CHROMIUM      | 1                   | Y           | J-            | J-           |           | 1                   | mg/kg | 6.2    | mg/kg |
| RY103-NSB-B  | 09FC-RY103-NSB-B-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 5      | mg/kg |
| RY103-NSB-B  | 09FC-RY103-NSB-B-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 25.9   | mg/kg |
| RY103-NSB-B  | 09FC-RY103-NSB-B-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 9.3    | mg/kg |
| RY103-NSB-B  | 09FC-RY103-NSB-B-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | ZINC          | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 180    | mg/kg |
| RY103-NSB-B  | 09FC-RY103-NSB-B-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 11000  | mg/kg |
| RY103-NSB-B  | 09FC-RY103-NSB-B-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 2.8    | mg/kg |
| RY103-NSS-A  | 09FC-RY103-NSS-A-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 7530   | mg/kg |
| RY103-NSS-A  | 09FC-RY103-NSS-A-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 12300  | mg/kg |
| RY103-NSS-A  | 09FC-RY103-NSS-A-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 119    | mg/kg |
| RY103-NSS-A  | 09FC-RY103-NSS-A-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 3800   | mg/kg |
| RY103-NSS-A  | 09FC-RY103-NSS-A-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 368    | mg/kg |
| RY103-NSS-A  | 09FC-RY103-NSS-A-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 8.6    | mg/kg |
| RY103-NSS-A  | 09FC-RY103-NSS-A-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | POTASSIUM     | 500                 | Y           | J-            | J-           |           | 500                 | mg/kg | 1850   | mg/kg |
| RY103-NSS-A  | 09FC-RY103-NSS-A-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | SILVER        | 1                   | Y           | J+            | J+           | J         | 1                   | mg/kg | 0.3    | mg/kg |
| RY103-NSS-A  | 09FC-RY103-NSS-A-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY103-NSS-A  | 09FC-RY103-NSS-A-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.3    | mg/kg |
| RY103-NSS-A  | 09FC-RY103-NSS-A-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | ANTIMONY      | 6                   | Y           | J             | J            | J         | 6                   | mg/kg | 3.5    | mg/kg |
| RY103-NSS-A  | 09FC-RY103-NSS-A-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 11     | mg/kg |
| RY103-NSS-A  | 09FC-RY103-NSS-A-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 186    | mg/kg |

## Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY103-NSS-A  | 09FC-RY103-NSS-A-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.3    | mg/kg |
| RY103-NSS-A  | 09FC-RY103-NSS-A-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | CADMIUM       | 0.5                 | Y           | J             | J            |           | 0.5                 | mg/kg | 0.66   | mg/kg |
| RY103-NSS-A  | 09FC-RY103-NSS-A-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | CHROMIUM      | 1                   | Y           | J-            | J-           |           | 1                   | mg/kg | 8      | mg/kg |
| RY103-NSS-A  | 09FC-RY103-NSS-A-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 5.3    | mg/kg |
| RY103-NSS-A  | 09FC-RY103-NSS-A-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 19.9   | mg/kg |
| RY103-NSS-A  | 09FC-RY103-NSS-A-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 9.2    | mg/kg |
| RY103-NSS-A  | 09FC-RY103-NSS-A-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | ZINC          | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 230    | mg/kg |
| RY103-NSS-A  | 09FC-RY103-NSS-A-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 10900  | mg/kg |
| RY103-NSS-A  | 09FC-RY103-NSS-A-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.88   | mg/kg |
| RY103-NSS-B  | 09FC-RY103-NSS-B-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 7010   | mg/kg |
| RY103-NSS-B  | 09FC-RY103-NSS-B-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 11000  | mg/kg |
| RY103-NSS-B  | 09FC-RY103-NSS-B-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 117    | mg/kg |
| RY103-NSS-B  | 09FC-RY103-NSS-B-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 3530   | mg/kg |
| RY103-NSS-B  | 09FC-RY103-NSS-B-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 348    | mg/kg |
| RY103-NSS-B  | 09FC-RY103-NSS-B-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 7.8    | mg/kg |
| RY103-NSS-B  | 09FC-RY103-NSS-B-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | POTASSIUM     | 500                 | Y           | J-            | J-           |           | 500                 | mg/kg | 2030   | mg/kg |
| RY103-NSS-B  | 09FC-RY103-NSS-B-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | SILVER        | 1                   | Y           | J+            | J+           | J         | 1                   | mg/kg | 0.47   | mg/kg |
| RY103-NSS-B  | 09FC-RY103-NSS-B-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY103-NSS-B  | 09FC-RY103-NSS-B-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.5    | mg/kg |
| RY103-NSS-B  | 09FC-RY103-NSS-B-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | ANTIMONY      | 6                   | Y           | J             |              | J         | 6                   | mg/kg | 4.4    | mg/kg |
| RY103-NSS-B  | 09FC-RY103-NSS-B-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 12.9   | mg/kg |
| RY103-NSS-B  | 09FC-RY103-NSS-B-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 139    | mg/kg |
| RY103-NSS-B  | 09FC-RY103-NSS-B-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.28   | mg/kg |
| RY103-NSS-B  | 09FC-RY103-NSS-B-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | CADMIUM       | 0.5                 | Y           | J             | J            |           | 0.5                 | mg/kg | 0.76   | mg/kg |
| RY103-NSS-B  | 09FC-RY103-NSS-B-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | CHROMIUM      | 1                   | Y           | J-            | J-           |           | 1                   | mg/kg | 6.2    | mg/kg |
| RY103-NSS-B  | 09FC-RY103-NSS-B-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.7    | mg/kg |
| RY103-NSS-B  | 09FC-RY103-NSS-B-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 24.4   | mg/kg |
| RY103-NSS-B  | 09FC-RY103-NSS-B-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 9.3    | mg/kg |
| RY103-NSS-B  | 09FC-RY103-NSS-B-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | ZINC          | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 183    | mg/kg |
| RY103-NSS-B  | 09FC-RY103-NSS-B-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 8250   | mg/kg |
| RY103-NSS-B  | 09FC-RY103-NSS-B-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.5    | mg/kg |
| RY106-NSB-A  | 09FC-RY106-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 4640   | mg/kg |
| RY106-NSB-A  | 09FC-RY106-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 10600  | mg/kg |
| RY106-NSB-A  | 09FC-RY106-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 158    | mg/kg |
| RY106-NSB-A  | 09FC-RY106-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 4990   | mg/kg |
| RY106-NSB-A  | 09FC-RY106-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 296    | mg/kg |
| RY106-NSB-A  | 09FC-RY106-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 8.5    | mg/kg |
| RY106-NSB-A  | 09FC-RY106-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | POTASSIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 1110   | mg/kg |
| RY106-NSB-A  | 09FC-RY106-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | SILVER        | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 1.1    | mg/kg |
| RY106-NSB-A  | 09FC-RY106-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY106-NSB-A  | 09FC-RY106-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.3    | mg/kg |
| RY106-NSB-A  | 09FC-RY106-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | ANTIMONY      | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 7.8    | mg/kg |
| RY106-NSB-A  | 09FC-RY106-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 29.6   | mg/kg |
| RY106-NSB-A  | 09FC-RY106-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 58.6   | mg/kg |
| RY106-NSB-A  | 09FC-RY106-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.24   | mg/kg |
| RY106-NSB-A  | 09FC-RY106-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | CADMIUM       | 0.5                 | Y           | J             | J            |           | 0.5                 | mg/kg | 1.6    | mg/kg |
| RY106-NSB-A  | 09FC-RY106-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 5.6    | mg/kg |
| RY106-NSB-A  | 09FC-RY106-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 4.6    | mg/kg |



Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                         |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY106-NSB-A  | 09FC-RY106-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | COPPER        | 2.5           | Y           |               |              |           | 2.5                 | mg/kg | 15.7   | mg/kg |
| RY106-NSB-A  | 09FC-RY106-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | VANADIUM      | 5             | Y           |               |              |           | 5                   | mg/kg | 7.5    | mg/kg |
| RY106-NSB-A  | 09FC-RY106-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | ZINC          | 6             | Y           | J-            | J-           |           | 6                   | mg/kg | 363    | mg/kg |
| RY106-NSB-A  | 09FC-RY106-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | CALCIUM       | 500           | Y           | J             | J            |           | 500                 | mg/kg | 15700  | mg/kg |
| RY106-NSB-A  | 09FC-RY106-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | SELENIUM      | 3.5           | Y           | J             |              | J         | 3.5                 | mg/kg | 1      | mg/kg |
| RY106-NSB-A  | 09FC-RY106-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | ALUMINUM      | 20            | Y           |               |              |           | 20                  | mg/kg | 4630   | mg/kg |
| RY106-NSB-A  | 09FC-RY106-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | IRON          | 10            | Y           | J             | J            |           | 10                  | mg/kg | 11500  | mg/kg |
| RY106-NSB-A  | 09FC-RY106-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | LEAD          | 1             | Y           | J             | J            |           | 1                   | mg/kg | 211    | mg/kg |
| RY106-NSB-A  | 09FC-RY106-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 4940   | mg/kg |
| RY106-NSB-A  | 09FC-RY106-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | MANGANESE     | 1.5           | Y           | J             | J            |           | 1.5                 | mg/kg | 318    | mg/kg |
| RY106-NSB-A  | 09FC-RY106-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | NICKEL        | 4             | Y           |               |              |           | 4                   | mg/kg | 8.2    | mg/kg |
| RY106-NSB-A  | 09FC-RY106-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | POTASSIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 1040   | mg/kg |
| RY106-NSB-A  | 09FC-RY106-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | SILVER        | 1             | Y           | J+            | J+           |           | 1                   | mg/kg | 1.4    | mg/kg |
| RY106-NSB-A  | 09FC-RY106-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | SODIUM        | 500           | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY106-NSB-A  | 09FC-RY106-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY106-NSB-A  | 09FC-RY106-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | ANTIMONY      | 6             | Y           | J             | J            |           | 6                   | mg/kg | 9.4    | mg/kg |
| RY106-NSB-A  | 09FC-RY106-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | ARSENIC       | 1             | Y           | J             | J            |           | 1                   | mg/kg | 22.1   | mg/kg |
| RY106-NSB-A  | 09FC-RY106-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | BARIUM        | 20            | Y           |               |              |           | 20                  | mg/kg | 60.1   | mg/kg |
| RY106-NSB-A  | 09FC-RY106-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | BERYLLIUM     | 0.5           | Y           | J             |              | J         | 0.5                 | mg/kg | 0.23   | mg/kg |
| RY106-NSB-A  | 09FC-RY106-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | CADMIUM       | 0.5           | Y           | J             | J            |           | 0.5                 | mg/kg | 2      | mg/kg |
| RY106-NSB-A  | 09FC-RY106-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | CHROMIUM      | 1             | Y           |               |              |           | 1                   | mg/kg | 6.3    | mg/kg |
| RY106-NSB-A  | 09FC-RY106-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | COBALT        | 5             | Y           | J             |              | J         | 5                   | mg/kg | 4.4    | mg/kg |
| RY106-NSB-A  | 09FC-RY106-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | COPPER        | 2.5           | Y           |               |              |           | 2.5                 | mg/kg | 16.1   | mg/kg |
| RY106-NSB-A  | 09FC-RY106-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | VANADIUM      | 5             | Y           |               |              |           | 5                   | mg/kg | 7.4    | mg/kg |
| RY106-NSB-A  | 09FC-RY106-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | ZINC          | 6             | Y           | J-            | J-           |           | 6                   | mg/kg | 330    | mg/kg |
| RY106-NSB-A  | 09FC-RY106-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | CALCIUM       | 500           | Y           | J             | J            |           | 500                 | mg/kg | 17600  | mg/kg |
| RY106-NSB-A  | 09FC-RY106-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | SELENIUM      | 3.5           | Y           | J             |              | J         | 3.5                 | mg/kg | 1      | mg/kg |
| RY106-NSS-A  | 09FC-RY106-NSS-A-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | ALUMINUM      | 20            | Y           |               |              |           | 20                  | mg/kg | 4940   | mg/kg |
| RY106-NSS-A  | 09FC-RY106-NSS-A-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | IRON          | 10            | Y           | J             | J            |           | 10                  | mg/kg | 10900  | mg/kg |
| RY106-NSS-A  | 09FC-RY106-NSS-A-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | LEAD          | 1             | Y           | J             | J            |           | 1                   | mg/kg | 237    | mg/kg |
| RY106-NSS-A  | 09FC-RY106-NSS-A-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 4750   | mg/kg |
| RY106-NSS-A  | 09FC-RY106-NSS-A-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | MANGANESE     | 1.5           | Y           | J             | J            |           | 1.5                 | mg/kg | 296    | mg/kg |
| RY106-NSS-A  | 09FC-RY106-NSS-A-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | NICKEL        | 4             | Y           |               |              |           | 4                   | mg/kg | 8.3    | mg/kg |
| RY106-NSS-A  | 09FC-RY106-NSS-A-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | POTASSIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 1090   | mg/kg |
| RY106-NSS-A  | 09FC-RY106-NSS-A-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | SILVER        | 1             | Y           | J+            | J+           |           | 1                   | mg/kg | 1.2    | mg/kg |
| RY106-NSS-A  | 09FC-RY106-NSS-A-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | SODIUM        | 500           | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY106-NSS-A  | 09FC-RY106-NSS-A-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2      | mg/kg |
| RY106-NSS-A  | 09FC-RY106-NSS-A-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | ANTIMONY      | 6             | Y           | J             | J            |           | 6                   | mg/kg | 14.1   | mg/kg |
| RY106-NSS-A  | 09FC-RY106-NSS-A-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | ARSENIC       | 1             | Y           | J             | J            |           | 1                   | mg/kg | 30     | mg/kg |
| RY106-NSS-A  | 09FC-RY106-NSS-A-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | BARIUM        | 20            | Y           |               |              |           | 20                  | mg/kg | 58.9   | mg/kg |
| RY106-NSS-A  | 09FC-RY106-NSS-A-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | BERYLLIUM     | 0.5           | Y           | J             |              | J         | 0.5                 | mg/kg | 0.24   | mg/kg |
| RY106-NSS-A  | 09FC-RY106-NSS-A-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | CADMIUM       | 0.5           | Y           | J             | J            |           | 0.5                 | mg/kg | 1.8    | mg/kg |
| RY106-NSS-A  | 09FC-RY106-NSS-A-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | CHROMIUM      | 1             | Y           |               |              |           | 1                   | mg/kg | 6.2    | mg/kg |
| RY106-NSS-A  | 09FC-RY106-NSS-A-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | COBALT        | 5             | Y           |               |              |           | 5                   | mg/kg | 5.5    | mg/kg |
| RY106-NSS-A  | 09FC-RY106-NSS-A-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | COPPER        | 2.5           | Y           |               |              |           | 2.5                 | mg/kg | 26.6   | mg/kg |
| RY106-NSS-A  | 09FC-RY106-NSS-A-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | VANADIUM      | 5             | Y           |               |              |           | 5                   | mg/kg | 8.5    | mg/kg |
| RY106-NSS-A  | 09FC-RY106-NSS-A-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | ZINC          | 6             | Y           | J-            | J-           |           | 6                   | mg/kg | 438    | mg/kg |
| RY106-NSS-A  | 09FC-RY106-NSS-A-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | CALCIUM       | 500           | Y           | J             | J            |           | 500                 | mg/kg | 12900  | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                         |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY106-NSS-A  | 09FC-RY106-NSS-A-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | SELENIUM      | 3.5           | Y           | J             |              | J         | 3.5                 | mg/kg | 0.89   | mg/kg |
| RY107-NSB-A  | 09FC-RY107-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | ALUMINUM      | 20            | Y           |               |              |           | 20                  | mg/kg | 5220   | mg/kg |
| RY107-NSB-A  | 09FC-RY107-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | IRON          | 10            | Y           | J             | J            |           | 10                  | mg/kg | 11300  | mg/kg |
| RY107-NSB-A  | 09FC-RY107-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | LEAD          | 1             | Y           | J             | J            |           | 1                   | mg/kg | 133    | mg/kg |
| RY107-NSB-A  | 09FC-RY107-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 5050   | mg/kg |
| RY107-NSB-A  | 09FC-RY107-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | MANGANESE     | 1.5           | Y           | J             | J            |           | 1.5                 | mg/kg | 311    | mg/kg |
| RY107-NSB-A  | 09FC-RY107-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | NICKEL        | 4             | Y           |               |              |           | 4                   | mg/kg | 9.2    | mg/kg |
| RY107-NSB-A  | 09FC-RY107-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | POTASSIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 1290   | mg/kg |
| RY107-NSB-A  | 09FC-RY107-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | SILVER        | 1             | Y           | J+            | J+           | J         | 1                   | mg/kg | 0.77   | mg/kg |
| RY107-NSB-A  | 09FC-RY107-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | SODIUM        | 500           | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY107-NSB-A  | 09FC-RY107-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2      | mg/kg |
| RY107-NSB-A  | 09FC-RY107-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | ANTIMONY      | 6             | Y           | J             | J            |           | 6                   | mg/kg | 6.8    | mg/kg |
| RY107-NSB-A  | 09FC-RY107-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | ARSENIC       | 1             | Y           | J             | J            |           | 1                   | mg/kg | 16.8   | mg/kg |
| RY107-NSB-A  | 09FC-RY107-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | BARIUM        | 20            | Y           |               |              |           | 20                  | mg/kg | 85.6   | mg/kg |
| RY107-NSB-A  | 09FC-RY107-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | BERYLLIUM     | 0.5           | Y           | J             |              | J         | 0.5                 | mg/kg | 0.26   | mg/kg |
| RY107-NSB-A  | 09FC-RY107-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | CADMIUM       | 0.5           | Y           | J             | J            |           | 0.5                 | mg/kg | 1      | mg/kg |
| RY107-NSB-A  | 09FC-RY107-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | CHROMIUM      | 1             | Y           |               |              |           | 1                   | mg/kg | 6.5    | mg/kg |
| RY107-NSB-A  | 09FC-RY107-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | COBALT        | 5             | Y           |               |              |           | 5                   | mg/kg | 5.7    | mg/kg |
| RY107-NSB-A  | 09FC-RY107-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | COPPER        | 2.5           | Y           |               |              |           | 2.5                 | mg/kg | 24.8   | mg/kg |
| RY107-NSB-A  | 09FC-RY107-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | VANADIUM      | 5             | Y           |               |              |           | 5                   | mg/kg | 7.5    | mg/kg |
| RY107-NSB-A  | 09FC-RY107-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | ZINC          | 6             | Y           | J-            | J-           |           | 6                   | mg/kg | 208    | mg/kg |
| RY107-NSB-A  | 09FC-RY107-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | CALCIUM       | 500           | Y           | J             | J            |           | 500                 | mg/kg | 25200  | mg/kg |
| RY107-NSB-A  | 09FC-RY107-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | SELENIUM      | 3.5           | Y           | J             |              | J         | 3.5                 | mg/kg | 0.83   | mg/kg |
| RY107-NSB-A  | 09FC-RY107-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | ALUMINUM      | 20            | Y           |               |              |           | 20                  | mg/kg | 5180   | mg/kg |
| RY107-NSB-A  | 09FC-RY107-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | IRON          | 10            | Y           | J             | J            |           | 10                  | mg/kg | 12000  | mg/kg |
| RY107-NSB-A  | 09FC-RY107-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | LEAD          | 1             | Y           | J             | J            |           | 1                   | mg/kg | 221    | mg/kg |
| RY107-NSB-A  | 09FC-RY107-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 5430   | mg/kg |
| RY107-NSB-A  | 09FC-RY107-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | MANGANESE     | 1.5           | Y           | J             | J            |           | 1.5                 | mg/kg | 336    | mg/kg |
| RY107-NSB-A  | 09FC-RY107-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | NICKEL        | 4             | Y           |               |              |           | 4                   | mg/kg | 8.6    | mg/kg |
| RY107-NSB-A  | 09FC-RY107-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | POTASSIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 1290   | mg/kg |
| RY107-NSB-A  | 09FC-RY107-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | SILVER        | 1             | Y           | J+            | J+           |           | 1                   | mg/kg | 1.3    | mg/kg |
| RY107-NSB-A  | 09FC-RY107-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | SODIUM        | 500           | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY107-NSB-A  | 09FC-RY107-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2      | mg/kg |
| RY107-NSB-A  | 09FC-RY107-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | ANTIMONY      | 6             | Y           | J             | J            |           | 6                   | mg/kg | 13.2   | mg/kg |
| RY107-NSB-A  | 09FC-RY107-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | ARSENIC       | 1             | Y           | J             | J            |           | 1                   | mg/kg | 23.5   | mg/kg |
| RY107-NSB-A  | 09FC-RY107-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | BARIUM        | 20            | Y           |               |              |           | 20                  | mg/kg | 84.3   | mg/kg |
| RY107-NSB-A  | 09FC-RY107-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | BERYLLIUM     | 0.5           | Y           | J             |              | J         | 0.5                 | mg/kg | 0.27   | mg/kg |
| RY107-NSB-A  | 09FC-RY107-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | CADMIUM       | 0.5           | Y           | J             | J            |           | 0.5                 | mg/kg | 1.8    | mg/kg |
| RY107-NSB-A  | 09FC-RY107-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | CHROMIUM      | 1             | Y           |               |              |           | 1                   | mg/kg | 6.5    | mg/kg |
| RY107-NSB-A  | 09FC-RY107-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | COBALT        | 5             | Y           |               |              |           | 5                   | mg/kg | 5.1    | mg/kg |
| RY107-NSB-A  | 09FC-RY107-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | COPPER        | 2.5           | Y           |               |              |           | 2.5                 | mg/kg | 21.4   | mg/kg |
| RY107-NSB-A  | 09FC-RY107-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | VANADIUM      | 5             | Y           |               |              |           | 5                   | mg/kg | 7.5    | mg/kg |
| RY107-NSB-A  | 09FC-RY107-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | ZINC          | 6             | Y           | J-            | J-           |           | 6                   | mg/kg | 368    | mg/kg |
| RY107-NSB-A  | 09FC-RY107-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | CALCIUM       | 500           | Y           | J             | J            |           | 500                 | mg/kg | 21800  | mg/kg |
| RY107-NSB-A  | 09FC-RY107-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | SELENIUM      | 3.5           | Y           | J             |              | J         | 3.5                 | mg/kg | 0.95   | mg/kg |
| RY107-NSS-A  | 09FC-RY107-NSS-A-00002  | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | ALUMINUM      | 20            | Y           |               |              |           | 20                  | mg/kg | 5640   | mg/kg |
| RY107-NSS-A  | 09FC-RY107-NSS-A-00002  | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | IRON          | 10            | Y           | J             | J            |           | 10                  | mg/kg | 12100  | mg/kg |
| RY107-NSS-A  | 09FC-RY107-NSS-A-00002  | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | LEAD          | 1             | Y           | J             | J            |           | 1                   | mg/kg | 182    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY107-NSS-A  | 09FC-RY107-NSS-A-00002  | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 5470   | mg/kg |
| RY107-NSS-A  | 09FC-RY107-NSS-A-00002  | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 341    | mg/kg |
| RY107-NSS-A  | 09FC-RY107-NSS-A-00002  | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 8.9    | mg/kg |
| RY107-NSS-A  | 09FC-RY107-NSS-A-00002  | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | POTASSIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 1490   | mg/kg |
| RY107-NSS-A  | 09FC-RY107-NSS-A-00002  | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | SILVER        | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 1      | mg/kg |
| RY107-NSS-A  | 09FC-RY107-NSS-A-00002  | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY107-NSS-A  | 09FC-RY107-NSS-A-00002  | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.1    | mg/kg |
| RY107-NSS-A  | 09FC-RY107-NSS-A-00002  | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | ANTIMONY      | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 10.8   | mg/kg |
| RY332-NSS-A  | 09FC-RY332-NSS-A-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.5    | mg/kg |
| RY332-NSS-A  | 09FC-RY332-NSS-A-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | ANTIMONY      | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 11.7   | mg/kg |
| RY332-NSS-A  | 09FC-RY332-NSS-A-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 25.1   | mg/kg |
| RY332-NSS-A  | 09FC-RY332-NSS-A-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | BARIUM        | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 88.4   | mg/kg |
| RY332-NSS-A  | 09FC-RY332-NSS-A-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | BERYLLIUM     | 0.5                 | N           | UJ            | UJ           | U         | 0.5                 | mg/kg | 0.51   | mg/kg |
| RY332-NSS-A  | 09FC-RY332-NSS-A-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | CADMIUM       | 0.5                 | Y           | J             | J            |           | 0.5                 | mg/kg | 2      | mg/kg |
| RY332-NSS-A  | 09FC-RY332-NSS-A-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | CHROMIUM      | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 6.5    | mg/kg |
| RY332-NSS-A  | 09FC-RY332-NSS-A-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | COBALT        | 5                   | Y           | UJ            | UJ           | J         | 5                   | mg/kg | 5      | mg/kg |
| RY332-NSS-A  | 09FC-RY332-NSS-A-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 17     | mg/kg |
| RY332-NSS-A  | 09FC-RY332-NSS-A-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 9.8    | mg/kg |
| RY332-NSS-A  | 09FC-RY332-NSS-A-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | ZINC          | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 332    | mg/kg |
| RY332-NSS-A  | 09FC-RY332-NSS-A-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 1710   | mg/kg |
| RY332-NSS-A  | 09FC-RY332-NSS-A-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | SELENIUM      | 3.5                 | Y           | J             | J            | J         | 3.5                 | mg/kg | 0.4    | mg/kg |
| RY332-NSS-D  | 09FC-RY332-NSS-D-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | ALUMINUM      | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 7240   | mg/kg |
| RY332-NSS-D  | 09FC-RY332-NSS-D-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | IRON          | 10                  | Y           | R             | RJ-          |           | 10                  | mg/kg | 9620   | mg/kg |
| RY332-NSS-D  | 09FC-RY332-NSS-D-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 311    | mg/kg |
| RY332-NSS-D  | 09FC-RY332-NSS-D-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 3870   | mg/kg |
| RY332-NSS-D  | 09FC-RY332-NSS-D-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | MANGANESE     | 1.5                 | Y           | J-            | J-           |           | 1.5                 | mg/kg | 290    | mg/kg |
| RY332-NSS-D  | 09FC-RY332-NSS-D-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | NICKEL        | 4                   | Y           | J             | J            |           | 4                   | mg/kg | 6.7    | mg/kg |
| RY332-NSS-D  | 09FC-RY332-NSS-D-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1430   | mg/kg |
| RY332-NSS-D  | 09FC-RY332-NSS-D-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | SILVER        | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 1.7    | mg/kg |
| RY332-NSS-D  | 09FC-RY332-NSS-D-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | SODIUM        | 500                 | Y           | U             | U            | J         | 500                 | mg/kg | 500    | mg/kg |
| RY332-NSS-D  | 09FC-RY332-NSS-D-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY332-NSS-D  | 09FC-RY332-NSS-D-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | ANTIMONY      | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 18.3   | mg/kg |
| RY332-NSS-D  | 09FC-RY332-NSS-D-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 22.6   | mg/kg |
| RY332-NSS-D  | 09FC-RY332-NSS-D-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | BARIUM        | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 136    | mg/kg |
| RY332-NSS-D  | 09FC-RY332-NSS-D-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | BERYLLIUM     | 0.5                 | N           | UJ            | UJ           | U         | 0.5                 | mg/kg | 0.51   | mg/kg |
| RY332-NSS-D  | 09FC-RY332-NSS-D-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | CADMIUM       | 0.5                 | Y           | J             | J            |           | 0.5                 | mg/kg | 2.7    | mg/kg |
| RY332-NSS-D  | 09FC-RY332-NSS-D-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | CHROMIUM      | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 5.6    | mg/kg |
| RY332-NSS-D  | 09FC-RY332-NSS-D-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | COBALT        | 5                   | Y           | UJ            | UJ           | J         | 5                   | mg/kg | 5      | mg/kg |
| RY332-NSS-D  | 09FC-RY332-NSS-D-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 43     | mg/kg |
| RY332-NSS-D  | 09FC-RY332-NSS-D-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 8.9    | mg/kg |
| RY332-NSS-D  | 09FC-RY332-NSS-D-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | ZINC          | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 506    | mg/kg |
| RY332-NSS-D  | 09FC-RY332-NSS-D-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 8320   | mg/kg |
| RY332-NSS-D  | 09FC-RY332-NSS-D-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | SELENIUM      | 3.5                 | N           | UJ            | UJ           | U         | 3.5                 | mg/kg | 3.6    | mg/kg |
| RY338-NSB-C  | 09FC-RY338-NSB-C-002006 | 9/22/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | ALUMINUM      | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 3940   | mg/kg |
| RY338-NSB-C  | 09FC-RY338-NSB-C-002006 | 9/22/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | IRON          | 10                  | Y           | R             | RJ-          |           | 10                  | mg/kg | 13600  | mg/kg |
| RY338-NSB-C  | 09FC-RY338-NSB-C-002006 | 9/22/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 4350   | mg/kg |
| RY338-NSB-C  | 09FC-RY338-NSB-C-002006 | 9/22/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 2440   | mg/kg |
| RY338-NSB-C  | 09FC-RY338-NSB-C-002006 | 9/22/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | MANGANESE     | 1.5                 | Y           | J-            | J-           |           | 1.5                 | mg/kg | 367    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY338-NSB-C  | 09FC-RY338-NSB-C-002006 | 9/22/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | NICKEL        | 4                   | Y           | UJ            | UJ           | J         | 4                   | mg/kg | 4      | mg/kg |
| RY338-NSB-C  | 09FC-RY338-NSB-C-002006 | 9/22/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 849    | mg/kg |
| RY338-NSB-C  | 09FC-RY338-NSB-C-002006 | 9/22/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | SILVER        | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 25.7   | mg/kg |
| RY338-NSB-C  | 09FC-RY338-NSB-C-002006 | 9/22/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 35.3   | mg/kg |
| RY338-NSB-C  | 09FC-RY338-NSB-C-002006 | 9/22/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY338-NSB-C  | 09FC-RY338-NSB-C-002006 | 9/22/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | ANTIMONY      | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 852    | mg/kg |
| RY338-NSB-C  | 09FC-RY338-NSB-C-002006 | 9/22/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 468    | mg/kg |
| RY338-NSB-C  | 09FC-RY338-NSB-C-002006 | 9/22/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | BARIUM        | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 59.9   | mg/kg |
| RY338-NSB-C  | 09FC-RY338-NSB-C-002006 | 9/22/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | BERYLLIUM     | 0.5                 | N           | UJ            | UJ           | U         | 0.5                 | mg/kg | 0.51   | mg/kg |
| RY338-NSB-C  | 09FC-RY338-NSB-C-002006 | 9/22/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | CADMIUM       | 0.5                 | Y           | J             | J            |           | 0.5                 | mg/kg | 20.1   | mg/kg |
| RY338-NSB-C  | 09FC-RY338-NSB-C-002006 | 9/22/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | CHROMIUM      | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 2.9    | mg/kg |
| RY338-NSB-C  | 09FC-RY338-NSB-C-002006 | 9/22/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | COBALT        | 5                   | Y           | UJ            | UJ           | J         | 5                   | mg/kg | 5      | mg/kg |
| RY338-NSB-C  | 09FC-RY338-NSB-C-002006 | 9/22/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 52.2   | mg/kg |
| RY338-NSB-C  | 09FC-RY338-NSB-C-002006 | 9/22/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 5.2    | mg/kg |
| RY338-NSB-C  | 09FC-RY338-NSB-C-002006 | 9/22/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | ZINC          | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 6430   | mg/kg |
| RY338-NSB-C  | 09FC-RY338-NSB-C-002006 | 9/22/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 4360   | mg/kg |
| RY338-NSB-C  | 09FC-RY338-NSB-C-002006 | 9/22/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | SELENIUM      | 3.5                 | N           | UJ            | UJ           | U         | 3.5                 | mg/kg | 3.6    | mg/kg |
| RY338-NSB-C  | 09FC-RY338-NSB-C-006012 | 9/22/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | ALUMINUM      | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 5080   | mg/kg |
| RY338-NSB-C  | 09FC-RY338-NSB-C-006012 | 9/22/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | IRON          | 10                  | Y           | R             | RJ-          |           | 10                  | mg/kg | 11900  | mg/kg |
| RY338-NSB-C  | 09FC-RY338-NSB-C-006012 | 9/22/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 3190   | mg/kg |
| RY338-NSB-C  | 09FC-RY338-NSB-C-006012 | 9/22/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 2250   | mg/kg |
| RY338-NSB-C  | 09FC-RY338-NSB-C-006012 | 9/22/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | MANGANESE     | 1.5                 | Y           | J-            | J-           |           | 1.5                 | mg/kg | 329    | mg/kg |
| RY338-NSB-C  | 09FC-RY338-NSB-C-006012 | 9/22/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | NICKEL        | 4                   | Y           | UJ            | UJ           | J         | 4                   | mg/kg | 4      | mg/kg |
| RY338-NSB-C  | 09FC-RY338-NSB-C-006012 | 9/22/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1030   | mg/kg |
| RY338-NSB-C  | 09FC-RY338-NSB-C-006012 | 9/22/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | SILVER        | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 18.3   | mg/kg |
| RY338-NSB-C  | 09FC-RY338-NSB-C-006012 | 9/22/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 43.3   | mg/kg |
| RY338-NSB-C  | 09FC-RY338-NSB-C-006012 | 9/22/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY338-NSB-C  | 09FC-RY338-NSB-C-006012 | 9/22/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | ANTIMONY      | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 546    | mg/kg |
| RY338-NSB-C  | 09FC-RY338-NSB-C-006012 | 9/22/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 327    | mg/kg |
| RY338-NSB-C  | 09FC-RY338-NSB-C-006012 | 9/22/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | BARIUM        | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 105    | mg/kg |
| RY338-NSB-C  | 09FC-RY338-NSB-C-006012 | 9/22/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | BERYLLIUM     | 0.5                 | N           | UJ            | UJ           | U         | 0.5                 | mg/kg | 0.51   | mg/kg |
| RY338-NSB-C  | 09FC-RY338-NSB-C-006012 | 9/22/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | CADMIUM       | 0.5                 | Y           | J             | J            |           | 0.5                 | mg/kg | 10.7   | mg/kg |
| RY338-NSB-C  | 09FC-RY338-NSB-C-006012 | 9/22/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | CHROMIUM      | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 3.8    | mg/kg |
| RY338-NSB-C  | 09FC-RY338-NSB-C-006012 | 9/22/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | COBALT        | 5                   | Y           | UJ            | UJ           | J         | 5                   | mg/kg | 5      | mg/kg |
| RY338-NSB-C  | 09FC-RY338-NSB-C-006012 | 9/22/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 37.3   | mg/kg |
| RY338-NSB-C  | 09FC-RY338-NSB-C-006012 | 9/22/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 6.6    | mg/kg |
| RY338-NSB-C  | 09FC-RY338-NSB-C-006012 | 9/22/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | ZINC          | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 3110   | mg/kg |
| RY338-NSB-C  | 09FC-RY338-NSB-C-006012 | 9/22/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 2640   | mg/kg |
| RY338-NSB-C  | 09FC-RY338-NSB-C-006012 | 9/22/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | SELENIUM      | 3.5                 | N           | UJ            | UJ           | U         | 3.5                 | mg/kg | 3.6    | mg/kg |
| RY338-NSS-C  | 09FC-RY338-NSS-C-000002 | 9/22/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | ALUMINUM      | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 4040   | mg/kg |
| RY338-NSS-C  | 09FC-RY338-NSS-C-000002 | 9/22/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | IRON          | 10                  | Y           | R             | RJ-          |           | 10                  | mg/kg | 14800  | mg/kg |
| RY338-NSS-C  | 09FC-RY338-NSS-C-000002 | 9/22/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 5050   | mg/kg |
| RY338-NSS-C  | 09FC-RY338-NSS-C-000002 | 9/22/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 2070   | mg/kg |
| RY338-NSS-C  | 09FC-RY338-NSS-C-000002 | 9/22/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | MANGANESE     | 1.5                 | Y           | J-            | J-           |           | 1.5                 | mg/kg | 418    | mg/kg |
| RY338-NSS-C  | 09FC-RY338-NSS-C-000002 | 9/22/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | NICKEL        | 4                   | Y           | UJ            | UJ           | J         | 4                   | mg/kg | 4      | mg/kg |
| RY338-NSS-C  | 09FC-RY338-NSS-C-000002 | 9/22/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 871    | mg/kg |
| RY338-NSS-C  | 09FC-RY338-NSS-C-000002 | 9/22/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | SILVER        | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 28.3   | mg/kg |
| RY338-NSS-C  | 09FC-RY338-NSS-C-000002 | 9/22/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 35.5   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                         |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY338-NSS-C  | 09FC-RY338-NSS-C-000002 | 9/22/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY338-NSS-C  | 09FC-RY338-NSS-C-000002 | 9/22/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | ANTIMONY      | 6             | Y           | J             | J            |           | 6                   | mg/kg | 963    | mg/kg |
| RY338-NSS-C  | 09FC-RY338-NSS-C-000002 | 9/22/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | ARSENIC       | 1             | Y           | J             | J            |           | 1                   | mg/kg | 579    | mg/kg |
| RY338-NSS-C  | 09FC-RY338-NSS-C-000002 | 9/22/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | BARIUM        | 20            | Y           | J             | J            |           | 20                  | mg/kg | 58.4   | mg/kg |
| RY338-NSS-C  | 09FC-RY338-NSS-C-000002 | 9/22/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | BERYLLIUM     | 0.5           | N           | UJ            | UJ           | U         | 0.5                 | mg/kg | 0.51   | mg/kg |
| RY338-NSS-C  | 09FC-RY338-NSS-C-000002 | 9/22/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | CADMIUM       | 0.5           | Y           | J             | J            |           | 0.5                 | mg/kg | 18.8   | mg/kg |
| RY338-NSS-C  | 09FC-RY338-NSS-C-000002 | 9/22/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | CHROMIUM      | 1             | Y           | J             | J            |           | 1                   | mg/kg | 3      | mg/kg |
| RY338-NSS-C  | 09FC-RY338-NSS-C-000002 | 9/22/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | COBALT        | 5             | Y           | UJ            | UJ           | J         | 5                   | mg/kg | 5      | mg/kg |
| RY338-NSS-C  | 09FC-RY338-NSS-C-000002 | 9/22/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | COPPER        | 2.5           | Y           |               |              |           | 2.5                 | mg/kg | 58.9   | mg/kg |
| RY338-NSS-C  | 09FC-RY338-NSS-C-000002 | 9/22/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | VANADIUM      | 5             | Y           |               |              |           | 5                   | mg/kg | 5.2    | mg/kg |
| RY338-NSS-C  | 09FC-RY338-NSS-C-000002 | 9/22/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | ZINC          | 6             | Y           | J-            | J-           |           | 6                   | mg/kg | 6580   | mg/kg |
| RY338-NSS-C  | 09FC-RY338-NSS-C-000002 | 9/22/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | CALCIUM       | 500           | Y           | J             | J            |           | 500                 | mg/kg | 3890   | mg/kg |
| RY338-NSS-C  | 09FC-RY338-NSS-C-000002 | 9/22/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | SELENIUM      | 3.5           | N           | UJ            | UJ           | U         | 3.5                 | mg/kg | 3.6    | mg/kg |
| RY345-NSB-C  | 09FC-RY345-NSB-C-006012 | 9/22/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | ALUMINUM      | 20            | Y           | J             | J            |           | 20                  | mg/kg | 5280   | mg/kg |
| RY345-NSB-C  | 09FC-RY345-NSB-C-006012 | 9/22/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | IRON          | 10            | Y           | R             | RJ-          |           | 10                  | mg/kg | 7970   | mg/kg |
| RY345-NSB-C  | 09FC-RY345-NSB-C-006012 | 9/22/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | LEAD          | 1             | Y           | J             | J            |           | 1                   | mg/kg | 192    | mg/kg |
| RY345-NSB-C  | 09FC-RY345-NSB-C-006012 | 9/22/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 2950   | mg/kg |
| RY345-NSB-C  | 09FC-RY345-NSB-C-006012 | 9/22/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | MANGANESE     | 1.5           | Y           | J-            | J-           |           | 1.5                 | mg/kg | 308    | mg/kg |
| RY345-NSB-C  | 09FC-RY345-NSB-C-006012 | 9/22/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | NICKEL        | 4             | Y           | J             | J            |           | 4                   | mg/kg | 4.8    | mg/kg |
| RY345-NSB-C  | 09FC-RY345-NSB-C-006012 | 9/22/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | POTASSIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 1090   | mg/kg |
| RY345-NSB-C  | 09FC-RY345-NSB-C-006012 | 9/22/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | SILVER        | 1             | Y           | J             | J            |           | 1                   | mg/kg | 1.7    | mg/kg |
| RY345-NSB-C  | 09FC-RY345-NSB-C-006012 | 9/22/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | SODIUM        | 500           | Y           | J             |              | J         | 500                 | mg/kg | 60.8   | mg/kg |
| RY345-NSB-C  | 09FC-RY345-NSB-C-006012 | 9/22/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.7    | mg/kg |
| RY345-NSB-C  | 09FC-RY345-NSB-C-006012 | 9/22/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | ANTIMONY      | 6             | Y           | J             | J            |           | 6                   | mg/kg | 8.6    | mg/kg |
| RY345-NSB-C  | 09FC-RY345-NSB-C-006012 | 9/22/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | ARSENIC       | 1             | Y           | J             | J            |           | 1                   | mg/kg | 40.8   | mg/kg |
| RY345-NSB-C  | 09FC-RY345-NSB-C-006012 | 9/22/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | BARIUM        | 20            | Y           | J             | J            |           | 20                  | mg/kg | 71.5   | mg/kg |
| RY345-NSB-C  | 09FC-RY345-NSB-C-006012 | 9/22/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | BERYLLIUM     | 0.5           | N           | UJ            | UJ           | U         | 0.5                 | mg/kg | 0.53   | mg/kg |
| RY345-NSB-C  | 09FC-RY345-NSB-C-006012 | 9/22/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | CADMIUM       | 0.5           | Y           | J             | J            |           | 0.5                 | mg/kg | 0.86   | mg/kg |
| RY345-NSB-C  | 09FC-RY345-NSB-C-006012 | 9/22/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | CHROMIUM      | 1             | Y           | J             | J            |           | 1                   | mg/kg | 4      | mg/kg |
| RY345-NSB-C  | 09FC-RY345-NSB-C-006012 | 9/22/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | COBALT        | 5             | Y           | UJ            | UJ           | J         | 5                   | mg/kg | 5      | mg/kg |
| RY345-NSB-C  | 09FC-RY345-NSB-C-006012 | 9/22/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | COPPER        | 2.5           | Y           |               |              |           | 2.5                 | mg/kg | 10.9   | mg/kg |
| RY345-NSB-C  | 09FC-RY345-NSB-C-006012 | 9/22/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | VANADIUM      | 5             | Y           |               |              |           | 5                   | mg/kg | 6.4    | mg/kg |
| RY345-NSB-C  | 09FC-RY345-NSB-C-006012 | 9/22/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | ZINC          | 6             | Y           | J-            | J-           |           | 6                   | mg/kg | 149    | mg/kg |
| RY345-NSB-C  | 09FC-RY345-NSB-C-006012 | 9/22/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | CALCIUM       | 500           | Y           | J             | J            |           | 500                 | mg/kg | 7320   | mg/kg |
| RY345-NSB-C  | 09FC-RY345-NSB-C-006012 | 9/22/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | SELENIUM      | 3.5           | N           | UJ            | UJ           | U         | 3.5                 | mg/kg | 3.7    | mg/kg |
| RY352-NSB-C  | 09FC-RY352-NSB-C-002006 | 9/23/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | ALUMINUM      | 20            | Y           |               |              |           | 20                  | mg/kg | 9030   | mg/kg |
| RY352-NSB-C  | 09FC-RY352-NSB-C-002006 | 9/23/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | IRON          | 10            | Y           | J             | J            |           | 10                  | mg/kg | 13600  | mg/kg |
| RY352-NSB-C  | 09FC-RY352-NSB-C-002006 | 9/23/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | LEAD          | 1             | Y           | J             | J            |           | 1                   | mg/kg | 452    | mg/kg |
| RY352-NSB-C  | 09FC-RY352-NSB-C-002006 | 9/23/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 3330   | mg/kg |
| RY352-NSB-C  | 09FC-RY352-NSB-C-002006 | 9/23/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | MANGANESE     | 1.5           | Y           | J             | J            |           | 1.5                 | mg/kg | 510    | mg/kg |
| RY352-NSB-C  | 09FC-RY352-NSB-C-002006 | 9/23/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | NICKEL        | 4             | Y           | J             | J            |           | 4                   | mg/kg | 6.2    | mg/kg |
| RY352-NSB-C  | 09FC-RY352-NSB-C-002006 | 9/23/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | POTASSIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 1260   | mg/kg |
| RY352-NSB-C  | 09FC-RY352-NSB-C-002006 | 9/23/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | SILVER        | 1             | Y           | J             | J            |           | 1                   | mg/kg | 3.1    | mg/kg |
| RY352-NSB-C  | 09FC-RY352-NSB-C-002006 | 9/23/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | SODIUM        | 500           | Y           | J             |              | J         | 500                 | mg/kg | 60.4   | mg/kg |
| RY352-NSB-C  | 09FC-RY352-NSB-C-002006 | 9/23/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY352-NSB-C  | 09FC-RY352-NSB-C-002006 | 9/23/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | ANTIMONY      | 6             | Y           | J             | J            |           | 6                   | mg/kg | 26.6   | mg/kg |
| RY352-NSB-C  | 09FC-RY352-NSB-C-002006 | 9/23/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | ARSENIC       | 1             | Y           |               |              |           | 1                   | mg/kg | 76.9   | mg/kg |
| RY352-NSB-C  | 09FC-RY352-NSB-C-002006 | 9/23/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | BARIUM        | 20            | Y           |               |              |           | 20                  | mg/kg | 125    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY352-NSB-C  | 09FC-RY352-NSB-C-002006 | 9/23/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | BERYLLIUM     | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.52   | mg/kg |
| RY352-NSB-C  | 09FC-RY352-NSB-C-002006 | 9/23/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 1.6    | mg/kg |
| RY352-NSB-C  | 09FC-RY352-NSB-C-002006 | 9/23/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 6.9    | mg/kg |
| RY352-NSB-C  | 09FC-RY352-NSB-C-002006 | 9/23/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.6    | mg/kg |
| RY352-NSB-C  | 09FC-RY352-NSB-C-002006 | 9/23/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | COPPER        | 2.5                 | Y           | J+            | J+           |           | 2.5                 | mg/kg | 20.3   | mg/kg |
| RY352-NSB-C  | 09FC-RY352-NSB-C-002006 | 9/23/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | VANADIUM      | 5                   | Y           | J-            | J-           |           | 5                   | mg/kg | 10     | mg/kg |
| RY352-NSB-C  | 09FC-RY352-NSB-C-002006 | 9/23/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | ZINC          | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 342    | mg/kg |
| RY352-NSB-C  | 09FC-RY352-NSB-C-002006 | 9/23/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 3960   | mg/kg |
| RY352-NSB-C  | 09FC-RY352-NSB-C-002006 | 9/23/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.6    | mg/kg |
| RY352-NSB-C  | 09FC-RY352-NSB-C-006012 | 9/23/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 8350   | mg/kg |
| RY352-NSB-C  | 09FC-RY352-NSB-C-006012 | 9/23/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 11000  | mg/kg |
| RY352-NSB-C  | 09FC-RY352-NSB-C-006012 | 9/23/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 488    | mg/kg |
| RY352-NSB-C  | 09FC-RY352-NSB-C-006012 | 9/23/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 3460   | mg/kg |
| RY352-NSB-C  | 09FC-RY352-NSB-C-006012 | 9/23/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 381    | mg/kg |
| RY352-NSB-C  | 09FC-RY352-NSB-C-006012 | 9/23/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | NICKEL        | 4                   | Y           | J             | J            |           | 4                   | mg/kg | 5.9    | mg/kg |
| RY352-NSB-C  | 09FC-RY352-NSB-C-006012 | 9/23/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1330   | mg/kg |
| RY352-NSB-C  | 09FC-RY352-NSB-C-006012 | 9/23/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | SILVER        | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 3.3    | mg/kg |
| RY352-NSB-C  | 09FC-RY352-NSB-C-006012 | 9/23/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 52.7   | mg/kg |
| RY352-NSB-C  | 09FC-RY352-NSB-C-006012 | 9/23/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY352-NSB-C  | 09FC-RY352-NSB-C-006012 | 9/23/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | ANTIMONY      | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 29.2   | mg/kg |
| RY352-NSB-C  | 09FC-RY352-NSB-C-006012 | 9/23/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 76.7   | mg/kg |
| RY352-NSB-C  | 09FC-RY352-NSB-C-006012 | 9/23/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | BARIIUM       | 20                  | Y           |               |              |           | 20                  | mg/kg | 106    | mg/kg |
| RY352-NSB-C  | 09FC-RY352-NSB-C-006012 | 9/23/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | BERYLLIUM     | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.52   | mg/kg |
| RY352-NSB-C  | 09FC-RY352-NSB-C-006012 | 9/23/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 2.3    | mg/kg |
| RY352-NSB-C  | 09FC-RY352-NSB-C-006012 | 9/23/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 6.4    | mg/kg |
| RY352-NSB-C  | 09FC-RY352-NSB-C-006012 | 9/23/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 3.7    | mg/kg |
| RY352-NSB-C  | 09FC-RY352-NSB-C-006012 | 9/23/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | COPPER        | 2.5                 | Y           | J+            | J+           |           | 2.5                 | mg/kg | 19.5   | mg/kg |
| RY352-NSB-C  | 09FC-RY352-NSB-C-006012 | 9/23/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | VANADIUM      | 5                   | Y           | J-            | J-           |           | 5                   | mg/kg | 9.1    | mg/kg |
| RY352-NSB-C  | 09FC-RY352-NSB-C-006012 | 9/23/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | ZINC          | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 400    | mg/kg |
| RY352-NSB-C  | 09FC-RY352-NSB-C-006012 | 9/23/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 3880   | mg/kg |
| RY352-NSB-C  | 09FC-RY352-NSB-C-006012 | 9/23/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.6    | mg/kg |
| RY352-NSS-C  | 09FC-RY352-NSS-C-000002 | 9/23/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 8560   | mg/kg |
| RY352-NSS-C  | 09FC-RY352-NSS-C-000002 | 9/23/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 11200  | mg/kg |
| RY352-NSS-C  | 09FC-RY352-NSS-C-000002 | 9/23/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 384    | mg/kg |
| RY352-NSS-C  | 09FC-RY352-NSS-C-000002 | 9/23/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 3170   | mg/kg |
| RY352-NSS-C  | 09FC-RY352-NSS-C-000002 | 9/23/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 367    | mg/kg |
| RY352-NSS-C  | 09FC-RY352-NSS-C-000002 | 9/23/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | NICKEL        | 4                   | Y           | J             | J            |           | 4                   | mg/kg | 6.7    | mg/kg |
| RY352-NSS-C  | 09FC-RY352-NSS-C-000002 | 9/23/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1220   | mg/kg |
| RY352-NSS-C  | 09FC-RY352-NSS-C-000002 | 9/23/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | SILVER        | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 3      | mg/kg |
| RY352-NSS-C  | 09FC-RY352-NSS-C-000002 | 9/23/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 58.5   | mg/kg |
| RY557-B      | 10FC-RY557-B-000002     | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | MANGANESE     | 1.1                 | Y           |               |              |           | 1.1                 | mg/kg | 310    | mg/kg |
| RY557-B      | 10FC-RY557-B-000002     | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | NICKEL        | 3.0                 | Y           |               |              |           | 3.0                 | mg/kg | 5.5    | mg/kg |
| RY557-B      | 10FC-RY557-B-000002     | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | POTASSIUM     | 370                 | Y           |               |              |           | 370                 | mg/kg | 1000   | mg/kg |
| RY557-B      | 10FC-RY557-B-000002     | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SILVER        | 0.74                | N           | U             |              | U         | 0.74                | mg/kg | 0.74   | mg/kg |
| RY557-B      | 10FC-RY557-B-000002     | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SODIUM        | 370                 | Y           | J             |              | J         | 370                 | mg/kg | 205    | mg/kg |
| RY557-B      | 10FC-RY557-B-000002     | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.8                 | N           | U             |              | U         | 1.8                 | mg/kg | 1.8    | mg/kg |
| RY557-B      | 10FC-RY557-B-000002     | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ANTIMONY      | 4.4                 | Y           | J             | J            | J         | 4.4                 | mg/kg | 0.53   | mg/kg |
| RY557-B      | 10FC-RY557-B-000002     | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.74                | Y           |               |              |           | 0.74                | mg/kg | 2.8    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY557-B      | 10FC-RY557-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | BARIUM        | 14.8                | Y           |               |              |           | 14.8                | mg/kg | 136    | mg/kg |
| RY557-B      | 10FC-RY557-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.37                | Y           |               |              |           | 0.37                | mg/kg | 0.4    | mg/kg |
| RY557-B      | 10FC-RY557-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.37                | Y           | J             |              | J         | 0.37                | mg/kg | 0.07   | mg/kg |
| RY557-B      | 10FC-RY557-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.74                | Y           | J             |              | J         | 0.74                | mg/kg | 5.8    | mg/kg |
| RY557-B      | 10FC-RY557-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | COBALT        | 3.7                 | Y           |               |              |           | 3.7                 | mg/kg | 4.8    | mg/kg |
| RY557-B      | 10FC-RY557-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | COPPER        | 1.8                 | Y           |               |              |           | 1.8                 | mg/kg | 8.2    | mg/kg |
| RY557-B      | 10FC-RY557-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | VANADIUM      | 3.7                 | Y           |               |              |           | 3.7                 | mg/kg | 14.2   | mg/kg |
| RY557-B      | 10FC-RY557-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ZINC          | 4.4                 | Y           |               |              |           | 4.4                 | mg/kg | 49     | mg/kg |
| RY557-B      | 10FC-RY557-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CALCIUM       | 370                 | Y           |               |              |           | 370                 | mg/kg | 2280   | mg/kg |
| RY557-B      | 10FC-RY557-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.6                 | Y           | J             |              | J         | 2.6                 | mg/kg | 1.4    | mg/kg |
| RY557-B      | 10FC-RY557-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ALUMINUM      | 13.5                | Y           |               |              |           | 13.5                | mg/kg | 5310   | mg/kg |
| RY557-B      | 10FC-RY557-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | IRON          | 6.7                 | Y           |               |              |           | 6.7                 | mg/kg | 8030   | mg/kg |
| RY557-B      | 10FC-RY557-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | LEAD          | 0.67                | Y           |               |              |           | 0.67                | mg/kg | 7.6    | mg/kg |
| RY557-B      | 10FC-RY557-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 336                 | Y           |               |              |           | 336                 | mg/kg | 2070   | mg/kg |
| RY557-B      | 10FC-RY557-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | MANGANESE     | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 277    | mg/kg |
| RY557-B      | 10FC-RY557-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | NICKEL        | 2.7                 | Y           |               |              |           | 2.7                 | mg/kg | 5      | mg/kg |
| RY557-B      | 10FC-RY557-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | POTASSIUM     | 336                 | Y           |               |              |           | 336                 | mg/kg | 926    | mg/kg |
| RY557-B      | 10FC-RY557-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SILVER        | 0.67                | N           | U             |              | U         | 0.67                | mg/kg | 0.67   | mg/kg |
| RY557-B      | 10FC-RY557-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SODIUM        | 336                 | Y           | J             |              | J         | 336                 | mg/kg | 199    | mg/kg |
| RY557-B      | 10FC-RY557-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.7                 | N           | U             |              | U         | 1.7                 | mg/kg | 1.7    | mg/kg |
| RY557-B      | 10FC-RY557-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ANTIMONY      | 4.0                 | Y           | J             |              | J         | 4.0                 | mg/kg | 0.37   | mg/kg |
| RY557-B      | 10FC-RY557-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.67                | Y           |               |              |           | 0.67                | mg/kg | 2.7    | mg/kg |
| RY557-B      | 10FC-RY557-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | BARIUM        | 13.5                | Y           |               |              |           | 13.5                | mg/kg | 110    | mg/kg |
| RY557-B      | 10FC-RY557-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.34                | Y           |               |              |           | 0.34                | mg/kg | 0.37   | mg/kg |
| RY557-B      | 10FC-RY557-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.34                | Y           | J             |              | J         | 0.34                | mg/kg | 0.03   | mg/kg |
| RY557-B      | 10FC-RY557-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.67                | Y           | J             |              | J         | 0.67                | mg/kg | 5.1    | mg/kg |
| RY557-B      | 10FC-RY557-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | COBALT        | 3.4                 | Y           |               |              |           | 3.4                 | mg/kg | 4      | mg/kg |
| RY557-B      | 10FC-RY557-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | COPPER        | 1.7                 | Y           |               |              |           | 1.7                 | mg/kg | 6.5    | mg/kg |
| RY557-B      | 10FC-RY557-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | VANADIUM      | 3.4                 | Y           |               |              |           | 3.4                 | mg/kg | 12.3   | mg/kg |
| RY557-B      | 10FC-RY557-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ZINC          | 4.0                 | Y           |               |              |           | 4.0                 | mg/kg | 32     | mg/kg |
| RY557-B      | 10FC-RY557-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CALCIUM       | 336                 | Y           |               |              |           | 336                 | mg/kg | 1690   | mg/kg |
| RY557-B      | 10FC-RY557-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.4                 | Y           | J             |              | J         | 2.4                 | mg/kg | 1.3    | mg/kg |
| RY557-B      | 10FC-RY557-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ALUMINUM      | 12.2                | Y           |               |              |           | 12.2                | mg/kg | 5640   | mg/kg |
| RY557-B      | 10FC-RY557-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | IRON          | 6.1                 | Y           |               |              |           | 6.1                 | mg/kg | 8450   | mg/kg |
| RY557-B      | 10FC-RY557-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | LEAD          | 0.61                | Y           |               |              |           | 0.61                | mg/kg | 7.2    | mg/kg |
| RY557-B      | 10FC-RY557-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 306                 | Y           |               |              |           | 306                 | mg/kg | 2090   | mg/kg |
| RY557-B      | 10FC-RY557-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | MANGANESE     | 0.92                | Y           |               |              |           | 0.92                | mg/kg | 265    | mg/kg |
| RY557-B      | 10FC-RY557-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | NICKEL        | 2.4                 | Y           |               |              |           | 2.4                 | mg/kg | 5.5    | mg/kg |
| RY557-B      | 10FC-RY557-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | POTASSIUM     | 306                 | Y           |               |              |           | 306                 | mg/kg | 918    | mg/kg |
| RY557-B      | 10FC-RY557-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SILVER        | 0.61                | N           | U             |              | U         | 0.61                | mg/kg | 0.61   | mg/kg |
| RY557-B      | 10FC-RY557-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SODIUM        | 306                 | Y           | J             |              | J         | 306                 | mg/kg | 230    | mg/kg |
| RY557-B      | 10FC-RY557-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.5                 | N           | U             |              | U         | 1.5                 | mg/kg | 1.5    | mg/kg |
| RY557-B      | 10FC-RY557-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ANTIMONY      | 3.7                 | Y           | J             |              | J         | 3.7                 | mg/kg | 0.45   | mg/kg |
| RY557-B      | 10FC-RY557-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.61                | Y           |               |              |           | 0.61                | mg/kg | 2.7    | mg/kg |
| RY557-B      | 10FC-RY557-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | BARIUM        | 12.2                | Y           |               |              |           | 12.2                | mg/kg | 105    | mg/kg |
| RY557-B      | 10FC-RY557-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.31                | Y           |               |              |           | 0.31                | mg/kg | 0.38   | mg/kg |
| RY557-B      | 10FC-RY557-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.31                | Y           | J             |              | J         | 0.31                | mg/kg | 0.03   | mg/kg |
| RY557-B      | 10FC-RY557-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.61                | Y           | J             |              | J         | 0.61                | mg/kg | 5.5    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY557-B      | 10FC-RY557-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | COBALT        | 3.1                 | Y           |               |              |           | 3.1                 | mg/kg | 4.4    | mg/kg |
| RY557-B      | 10FC-RY557-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | COPPER        | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 6.5    | mg/kg |
| RY557-B      | 10FC-RY557-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | VANADIUM      | 3.1                 | Y           |               |              |           | 3.1                 | mg/kg | 13     | mg/kg |
| RY557-B      | 10FC-RY557-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ZINC          | 3.7                 | Y           |               |              |           | 3.7                 | mg/kg | 29.2   | mg/kg |
| RY557-B      | 10FC-RY557-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CALCIUM       | 306                 | Y           |               |              |           | 306                 | mg/kg | 1510   | mg/kg |
| RY557-B      | 10FC-RY557-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.1                 | Y           | J             |              | J         | 2.1                 | mg/kg | 1.4    | mg/kg |
| RY557-C      | 10FC-RY557-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ALUMINUM      | 13.8                | Y           |               |              |           | 13.8                | mg/kg | 4790   | mg/kg |
| RY557-C      | 10FC-RY557-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | IRON          | 6.9                 | Y           |               |              |           | 6.9                 | mg/kg | 7860   | mg/kg |
| RY557-C      | 10FC-RY557-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | LEAD          | 0.69                | Y           |               |              |           | 0.69                | mg/kg | 8.9    | mg/kg |
| RY557-C      | 10FC-RY557-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 344                 | Y           |               |              |           | 344                 | mg/kg | 2660   | mg/kg |
| RY557-C      | 10FC-RY557-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | MANGANESE     | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 439    | mg/kg |
| RY557-C      | 10FC-RY557-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | NICKEL        | 2.8                 | Y           |               |              |           | 2.8                 | mg/kg | 5.4    | mg/kg |
| RY557-C      | 10FC-RY557-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | POTASSIUM     | 344                 | Y           |               |              |           | 344                 | mg/kg | 1140   | mg/kg |
| RY557-C      | 10FC-RY557-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SILVER        | 0.69                | N           | U             |              | U         | 0.69                | mg/kg | 0.69   | mg/kg |
| RY557-C      | 10FC-RY557-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SODIUM        | 344                 | Y           | J             |              | J         | 344                 | mg/kg | 210    | mg/kg |
| RY557-C      | 10FC-RY557-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.7                 | N           | U             |              | U         | 1.7                 | mg/kg | 1.7    | mg/kg |
| RY557-C      | 10FC-RY557-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ANTIMONY      | 4.1                 | Y           | J             | J            | J         | 4.1                 | mg/kg | 0.41   | mg/kg |
| RY557-C      | 10FC-RY557-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.69                | Y           |               |              |           | 0.69                | mg/kg | 2.7    | mg/kg |
| RY557-C      | 10FC-RY557-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | BARIUM        | 13.8                | Y           |               |              |           | 13.8                | mg/kg | 129    | mg/kg |
| RY557-C      | 10FC-RY557-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.34                | Y           | J             |              | J         | 0.34                | mg/kg | 0.32   | mg/kg |
| RY557-C      | 10FC-RY557-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.34                | Y           | J             |              | J         | 0.34                | mg/kg | 0.05   | mg/kg |
| RY557-C      | 10FC-RY557-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.69                | Y           | J             | J            |           | 0.69                | mg/kg | 5.2    | mg/kg |
| RY557-C      | 10FC-RY557-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | COBALT        | 3.4                 | Y           |               |              |           | 3.4                 | mg/kg | 4.2    | mg/kg |
| RY557-C      | 10FC-RY557-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | COPPER        | 1.7                 | Y           |               |              |           | 1.7                 | mg/kg | 8.5    | mg/kg |
| RY557-C      | 10FC-RY557-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | VANADIUM      | 3.4                 | Y           |               |              |           | 3.4                 | mg/kg | 10.3   | mg/kg |
| RY557-C      | 10FC-RY557-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ZINC          | 4.1                 | Y           |               |              |           | 4.1                 | mg/kg | 35     | mg/kg |
| RY557-C      | 10FC-RY557-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CALCIUM       | 344                 | Y           |               |              |           | 344                 | mg/kg | 3420   | mg/kg |
| RY557-C      | 10FC-RY557-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.4                 | Y           | J             |              | J         | 2.4                 | mg/kg | 1.2    | mg/kg |
| RY557-C      | 10FC-RY557-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ALUMINUM      | 11.4                | Y           |               |              |           | 11.4                | mg/kg | 4630   | mg/kg |
| RY557-C      | 10FC-RY557-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | IRON          | 5.7                 | Y           |               |              |           | 5.7                 | mg/kg | 7190   | mg/kg |
| RY557-C      | 10FC-RY557-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | LEAD          | 0.57                | Y           |               |              |           | 0.57                | mg/kg | 5.7    | mg/kg |
| RY557-C      | 10FC-RY557-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 286                 | Y           |               |              |           | 286                 | mg/kg | 2040   | mg/kg |
| RY557-C      | 10FC-RY557-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | MANGANESE     | 0.86                | Y           |               |              |           | 0.86                | mg/kg | 357    | mg/kg |
| RY557-C      | 10FC-RY557-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | NICKEL        | 2.3                 | Y           |               |              |           | 2.3                 | mg/kg | 5      | mg/kg |
| RY557-C      | 10FC-RY557-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | POTASSIUM     | 286                 | Y           |               |              |           | 286                 | mg/kg | 978    | mg/kg |
| RY557-C      | 10FC-RY557-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SILVER        | 0.57                | N           | U             |              | U         | 0.57                | mg/kg | 0.57   | mg/kg |
| RY557-C      | 10FC-RY557-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SODIUM        | 286                 | Y           | J             |              | J         | 286                 | mg/kg | 131    | mg/kg |
| RY557-C      | 10FC-RY557-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.4                 | N           | U             |              | U         | 1.4                 | mg/kg | 1.4    | mg/kg |
| RY557-C      | 10FC-RY557-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ANTIMONY      | 3.4                 | Y           | J             | J            | J         | 3.4                 | mg/kg | 0.33   | mg/kg |
| RY557-C      | 10FC-RY557-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.57                | Y           |               |              |           | 0.57                | mg/kg | 2.4    | mg/kg |
| RY557-C      | 10FC-RY557-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | BARIUM        | 11.4                | Y           |               |              |           | 11.4                | mg/kg | 101    | mg/kg |
| RY557-C      | 10FC-RY557-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.29                | Y           |               |              |           | 0.29                | mg/kg | 0.31   | mg/kg |
| RY557-C      | 10FC-RY557-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.29                | Y           | J             |              | J         | 0.29                | mg/kg | 0.03   | mg/kg |
| RY557-C      | 10FC-RY557-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.57                | Y           | J             | J            |           | 0.57                | mg/kg | 4.7    | mg/kg |
| RY557-C      | 10FC-RY557-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | COBALT        | 2.9                 | Y           |               |              |           | 2.9                 | mg/kg | 3.9    | mg/kg |
| RY557-C      | 10FC-RY557-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | COPPER        | 1.4                 | Y           |               |              |           | 1.4                 | mg/kg | 7.4    | mg/kg |
| RY557-C      | 10FC-RY557-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | VANADIUM      | 2.9                 | Y           |               |              |           | 2.9                 | mg/kg | 9.7    | mg/kg |
| RY557-C      | 10FC-RY557-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ZINC          | 3.4                 | Y           |               |              |           | 3.4                 | mg/kg | 23.9   | mg/kg |



Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY557-C      | 10FC-RY557-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CALCIUM       | 286                 | Y           |               |              |           | 286                 | mg/kg | 2020   | mg/kg |
| RY557-C      | 10FC-RY557-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.0                 | Y           | J             |              | J         | 2.0                 | mg/kg | 1.1    | mg/kg |
| RY557-C      | 10FC-RY557-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ALUMINUM      | 12.8                | Y           |               |              |           | 12.8                | mg/kg | 5490   | mg/kg |
| RY557-C      | 10FC-RY557-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | IRON          | 6.4                 | Y           |               |              |           | 6.4                 | mg/kg | 8470   | mg/kg |
| RY557-C      | 10FC-RY557-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | LEAD          | 0.64                | Y           |               |              |           | 0.64                | mg/kg | 5.1    | mg/kg |
| RY557-C      | 10FC-RY557-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 321                 | Y           |               |              |           | 321                 | mg/kg | 2230   | mg/kg |
| RY557-C      | 10FC-RY557-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | MANGANESE     | 0.96                | Y           |               |              |           | 0.96                | mg/kg | 243    | mg/kg |
| RY557-C      | 10FC-RY557-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | NICKEL        | 2.6                 | Y           |               |              |           | 2.6                 | mg/kg | 5.7    | mg/kg |
| RY557-C      | 10FC-RY557-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | POTASSIUM     | 321                 | Y           |               |              |           | 321                 | mg/kg | 946    | mg/kg |
| RY557-C      | 10FC-RY557-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SILVER        | 0.64                | N           | U             |              | U         | 0.64                | mg/kg | 0.64   | mg/kg |
| RY557-C      | 10FC-RY557-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SODIUM        | 321                 | Y           | J             |              | J         | 321                 | mg/kg | 125    | mg/kg |
| RY557-C      | 10FC-RY557-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.6                 | N           | U             |              | U         | 1.6                 | mg/kg | 1.6    | mg/kg |
| RY557-C      | 10FC-RY557-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ANTIMONY      | 3.8                 | Y           | J             | J            | J         | 3.8                 | mg/kg | 0.25   | mg/kg |
| RY557-C      | 10FC-RY557-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.64                | Y           |               |              |           | 0.64                | mg/kg | 2.8    | mg/kg |
| RY557-C      | 10FC-RY557-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | BARIUM        | 12.8                | Y           |               |              |           | 12.8                | mg/kg | 92.8   | mg/kg |
| RY557-C      | 10FC-RY557-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.32                | Y           |               |              |           | 0.32                | mg/kg | 0.36   | mg/kg |
| RY557-C      | 10FC-RY557-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.32                | N           | U             |              | U         | 0.32                | mg/kg | 0.32   | mg/kg |
| RY557-C      | 10FC-RY557-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.64                | Y           | J             | J            |           | 0.64                | mg/kg | 5.2    | mg/kg |
| RY557-C      | 10FC-RY557-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | COBALT        | 3.2                 | Y           |               |              |           | 3.2                 | mg/kg | 4.5    | mg/kg |
| RY557-C      | 10FC-RY557-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | COPPER        | 1.6                 | Y           |               |              |           | 1.6                 | mg/kg | 6.3    | mg/kg |
| RY557-C      | 10FC-RY557-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | VANADIUM      | 3.2                 | Y           |               |              |           | 3.2                 | mg/kg | 12.1   | mg/kg |
| RY557-C      | 10FC-RY557-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ZINC          | 3.8                 | Y           |               |              |           | 3.8                 | mg/kg | 18.1   | mg/kg |
| RY557-C      | 10FC-RY557-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CALCIUM       | 321                 | Y           |               |              |           | 321                 | mg/kg | 2150   | mg/kg |
| RY557-C      | 10FC-RY557-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.2                 | Y           | J             |              | J         | 2.2                 | mg/kg | 1.3    | mg/kg |
| RY557-D      | 10FC-RY557-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ALUMINUM      | 12.3                | Y           |               |              |           | 12.3                | mg/kg | 3660   | mg/kg |
| RY557-D      | 10FC-RY557-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | IRON          | 6.1                 | Y           |               |              |           | 6.1                 | mg/kg | 5770   | mg/kg |
| RY557-D      | 10FC-RY557-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | LEAD          | 0.61                | Y           |               |              |           | 0.61                | mg/kg | 8.2    | mg/kg |
| RY557-D      | 10FC-RY557-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 306                 | Y           |               |              |           | 306                 | mg/kg | 3340   | mg/kg |
| RY557-D      | 10FC-RY557-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | MANGANESE     | 0.92                | Y           |               |              |           | 0.92                | mg/kg | 227    | mg/kg |
| RY557-D      | 10FC-RY557-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | NICKEL        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 5.1    | mg/kg |
| RY557-D      | 10FC-RY557-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | POTASSIUM     | 306                 | Y           | J             |              | J         | 306                 | mg/kg | 231    | mg/kg |
| RY557-D      | 10FC-RY557-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SILVER        | 0.61                | N           | U             |              | U         | 0.61                | mg/kg | 0.61   | mg/kg |
| RY557-D      | 10FC-RY557-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SODIUM        | 306                 | Y           | J             |              | J         | 306                 | mg/kg | 155    | mg/kg |
| RY557-D      | 10FC-RY557-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.5                 | N           | U             |              | U         | 1.5                 | mg/kg | 1.5    | mg/kg |
| RY557-D      | 10FC-RY557-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ANTIMONY      | 3.7                 | Y           | J             | J            | J         | 3.7                 | mg/kg | 0.33   | mg/kg |
| RY557-D      | 10FC-RY557-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.61                | Y           |               |              |           | 0.61                | mg/kg | 2      | mg/kg |
| RY557-D      | 10FC-RY557-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | BARIUM        | 12.3                | Y           |               |              |           | 12.3                | mg/kg | 139    | mg/kg |
| RY557-D      | 10FC-RY557-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.31                | Y           | J             |              | J         | 0.31                | mg/kg | 0.26   | mg/kg |
| RY557-D      | 10FC-RY557-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.31                | N           | U             |              | U         | 0.31                | mg/kg | 0.31   | mg/kg |
| RY557-D      | 10FC-RY557-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.61                | Y           | J             | J            |           | 0.61                | mg/kg | 3.6    | mg/kg |
| RY557-D      | 10FC-RY557-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | COBALT        | 3.1                 | Y           |               |              |           | 3.1                 | mg/kg | 4.6    | mg/kg |
| RY557-D      | 10FC-RY557-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | COPPER        | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 11.7   | mg/kg |
| RY557-D      | 10FC-RY557-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | VANADIUM      | 3.1                 | Y           | J             |              | J         | 3.1                 | mg/kg | 2.3    | mg/kg |
| RY557-D      | 10FC-RY557-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ZINC          | 3.7                 | Y           |               |              |           | 3.7                 | mg/kg | 20.2   | mg/kg |
| RY557-D      | 10FC-RY557-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CALCIUM       | 306                 | Y           |               |              |           | 306                 | mg/kg | 1140   | mg/kg |
| RY557-D      | 10FC-RY557-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.1                 | Y           | J             |              | J         | 2.1                 | mg/kg | 0.99   | mg/kg |
| RY557-D      | 10FC-RY557-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ALUMINUM      | 10.9                | Y           |               |              |           | 10.9                | mg/kg | 3950   | mg/kg |
| RY557-D      | 10FC-RY557-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | IRON          | 5.5                 | Y           |               |              |           | 5.5                 | mg/kg | 7630   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY557-D      | 10FC-RY557-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | LEAD          | 0.55                | Y           |               |              |           | 0.55                | mg/kg | 16.5   | mg/kg |
| RY557-D      | 10FC-RY557-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 273                 | Y           |               |              |           | 273                 | mg/kg | 2510   | mg/kg |
| RY557-D      | 10FC-RY557-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | MANGANESE     | 0.82                | Y           |               |              |           | 0.82                | mg/kg | 282    | mg/kg |
| RY557-D      | 10FC-RY557-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | NICKEL        | 2.2                 | Y           |               |              |           | 2.2                 | mg/kg | 5.6    | mg/kg |
| RY557-D      | 10FC-RY557-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | POTASSIUM     | 273                 | Y           |               |              |           | 273                 | mg/kg | 453    | mg/kg |
| RY557-D      | 10FC-RY557-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SILVER        | 0.55                | N           | U             |              | U         | 0.55                | mg/kg | 0.55   | mg/kg |
| RY557-D      | 10FC-RY557-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SODIUM        | 273                 | Y           | J             |              | J         | 273                 | mg/kg | 131    | mg/kg |
| RY557-D      | 10FC-RY557-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.4                 | N           | U             |              | U         | 1.4                 | mg/kg | 1.4    | mg/kg |
| RY557-D      | 10FC-RY557-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ANTIMONY      | 3.3                 | Y           | J             | J            | J         | 3.3                 | mg/kg | 0.49   | mg/kg |
| RY557-D      | 10FC-RY557-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.55                | Y           |               |              |           | 0.55                | mg/kg | 3.5    | mg/kg |
| RY557-D      | 10FC-RY557-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | BARIUM        | 10.9                | Y           |               |              |           | 10.9                | mg/kg | 79.2   | mg/kg |
| RY557-D      | 10FC-RY557-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.27                | Y           |               |              |           | 0.27                | mg/kg | 0.33   | mg/kg |
| RY557-D      | 10FC-RY557-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.27                | Y           | J             |              | J         | 0.27                | mg/kg | 0.08   | mg/kg |
| RY557-D      | 10FC-RY557-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.55                | Y           | J             | J            |           | 0.55                | mg/kg | 4.5    | mg/kg |
| RY557-D      | 10FC-RY557-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | COBALT        | 2.7                 | Y           |               |              |           | 2.7                 | mg/kg | 5.4    | mg/kg |
| RY557-D      | 10FC-RY557-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | COPPER        | 1.4                 | Y           |               |              |           | 1.4                 | mg/kg | 28.3   | mg/kg |
| RY557-D      | 10FC-RY557-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | VANADIUM      | 2.7                 | Y           |               |              |           | 2.7                 | mg/kg | 5.7    | mg/kg |
| RY557-D      | 10FC-RY557-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ZINC          | 3.3                 | Y           |               |              |           | 3.3                 | mg/kg | 33.6   | mg/kg |
| RY557-D      | 10FC-RY557-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CALCIUM       | 273                 | Y           |               |              |           | 273                 | mg/kg | 2340   | mg/kg |
| RY557-D      | 10FC-RY557-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SELENIUM      | 1.9                 | Y           | J             |              | J         | 1.9                 | mg/kg | 1.2    | mg/kg |
| RY557-D      | 10FC-RY557-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ALUMINUM      | 12.6                | Y           |               |              |           | 12.6                | mg/kg | 4800   | mg/kg |
| RY557-D      | 10FC-RY557-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | IRON          | 6.3                 | Y           |               |              |           | 6.3                 | mg/kg | 8370   | mg/kg |
| RY557-D      | 10FC-RY557-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | LEAD          | 0.63                | Y           |               |              |           | 0.63                | mg/kg | 11.3   | mg/kg |
| RY557-D      | 10FC-RY557-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 314                 | Y           |               |              |           | 314                 | mg/kg | 2500   | mg/kg |
| RY387-E      | 10FC-RY387-E-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | COBALT        | 5.3                 | Y           |               |              |           | 5.3                 | mg/kg | 5.5    | mg/kg |
| RY387-E      | 10FC-RY387-E-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | COPPER        | 2.7                 | Y           |               |              |           | 2.7                 | mg/kg | 25.7   | mg/kg |
| RY387-E      | 10FC-RY387-E-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | VANADIUM      | 5.3                 | Y           |               |              |           | 5.3                 | mg/kg | 15.8   | mg/kg |
| RY387-E      | 10FC-RY387-E-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | ZINC          | 6.4                 | Y           |               |              |           | 6.4                 | mg/kg | 678    | mg/kg |
| RY387-E      | 10FC-RY387-E-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | CALCIUM       | 532                 | Y           |               |              |           | 532                 | mg/kg | 5960   | mg/kg |
| RY387-E      | 10FC-RY387-E-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | SELENIUM      | 3.7                 | N           | U             |              | U         | 3.7                 | mg/kg | 3.7    | mg/kg |
| RY387-E      | 10FC-RY387-E-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/3/2010     | ALUMINUM      | 22.2                | Y           |               |              |           | 22.2                | mg/kg | 11500  | mg/kg |
| RY387-E      | 10FC-RY387-E-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/3/2010     | ANTIMONY      | 6.7                 | Y           | J             | J            |           | 6.7                 | mg/kg | 14.8   | mg/kg |
| RY387-E      | 10FC-RY387-E-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/3/2010     | ARSENIC       | 1.1                 | Y           |               |              |           | 1.1                 | mg/kg | 25.1   | mg/kg |
| RY387-E      | 10FC-RY387-E-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/3/2010     | BARIUM        | 22.2                | Y           |               |              |           | 22.2                | mg/kg | 273    | mg/kg |
| RY387-E      | 10FC-RY387-E-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | IRON          | 11.1                | Y           |               |              |           | 11.1                | mg/kg | 14600  | mg/kg |
| RY387-E      | 10FC-RY387-E-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | LEAD          | 1.1                 | Y           |               |              |           | 1.1                 | mg/kg | 384    | mg/kg |
| RY387-E      | 10FC-RY387-E-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 555                 | Y           | J             | J            |           | 555                 | mg/kg | 3320   | mg/kg |
| RY387-E      | 10FC-RY387-E-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | MANGANESE     | 1.7                 | Y           | J             | J            |           | 1.7                 | mg/kg | 479    | mg/kg |
| RY387-E      | 10FC-RY387-E-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | NICKEL        | 4.4                 | Y           |               |              |           | 4.4                 | mg/kg | 9.1    | mg/kg |
| RY387-E      | 10FC-RY387-E-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | POTASSIUM     | 555                 | Y           | J             | J            |           | 555                 | mg/kg | 2020   | mg/kg |
| RY387-E      | 10FC-RY387-E-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SILVER        | 1.1                 | Y           |               |              |           | 1.1                 | mg/kg | 1.5    | mg/kg |
| RY387-E      | 10FC-RY387-E-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SODIUM        | 555                 | Y           | J             |              | J         | 555                 | mg/kg | 376    | mg/kg |
| RY387-E      | 10FC-RY387-E-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | THALLIUM      | 2.8                 | N           | U             |              | U         | 2.8                 | mg/kg | 2.8    | mg/kg |
| RY387-E      | 10FC-RY387-E-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | BERYLLIUM     | 0.55                | Y           | J             |              | J         | 0.55                | mg/kg | 0.55   | mg/kg |
| RY387-E      | 10FC-RY387-E-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CADMIUM       | 0.55                | Y           |               |              |           | 0.55                | mg/kg | 3.6    | mg/kg |
| RY387-E      | 10FC-RY387-E-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CHROMIUM      | 1.1                 | Y           |               |              |           | 1.1                 | mg/kg | 11.2   | mg/kg |
| RY387-E      | 10FC-RY387-E-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | COBALT        | 5.5                 | Y           |               |              |           | 5.5                 | mg/kg | 14.1   | mg/kg |
| RY387-E      | 10FC-RY387-E-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | COPPER        | 2.8                 | Y           |               |              |           | 2.8                 | mg/kg | 32.9   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY387-E      | 10FC-RY387-E-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | VANADIUM      | 5.5           | Y           |               |              |           | 5.5           | mg/kg | 17.4   | mg/kg |
| RY387-E      | 10FC-RY387-E-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | ZINC          | 6.7           | Y           |               |              |           | 6.7           | mg/kg | 757    | mg/kg |
| RY387-E      | 10FC-RY387-E-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CALCIUM       | 555           | Y           |               |              |           | 555           | mg/kg | 7140   | mg/kg |
| RY387-E      | 10FC-RY387-E-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SELENIUM      | 3.9           | Y           | J             |              | J         | 3.9           | mg/kg | 0.83   | mg/kg |
| RY393-E      | 10FC-RY393-E-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/3/2010     | ALUMINUM      | 21.0          | Y           |               |              |           | 21.0          | mg/kg | 6970   | mg/kg |
| RY393-E      | 10FC-RY393-E-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/3/2010     | ANTIMONY      | 6.3           | Y           | J             | J            | J         | 6.3           | mg/kg | 5.6    | mg/kg |
| RY393-E      | 10FC-RY393-E-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/3/2010     | ARSENIC       | 1.0           | Y           |               |              |           | 1.0           | mg/kg | 14.3   | mg/kg |
| RY393-E      | 10FC-RY393-E-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/3/2010     | BARIUM        | 21.0          | Y           |               |              |           | 21.0          | mg/kg | 122    | mg/kg |
| RY393-E      | 10FC-RY393-E-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | IRON          | 10.5          | Y           |               |              |           | 10.5          | mg/kg | 11600  | mg/kg |
| RY393-E      | 10FC-RY393-E-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | LEAD          | 1.0           | Y           |               |              |           | 1.0           | mg/kg | 130    | mg/kg |
| RY393-E      | 10FC-RY393-E-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 524           | Y           | J             | J            |           | 524           | mg/kg | 3520   | mg/kg |
| RY393-E      | 10FC-RY393-E-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | MANGANESE     | 1.6           | Y           | J             | J            |           | 1.6           | mg/kg | 344    | mg/kg |
| RY393-E      | 10FC-RY393-E-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | NICKEL        | 4.2           | Y           |               |              |           | 4.2           | mg/kg | 7.4    | mg/kg |
| RY393-E      | 10FC-RY393-E-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | POTASSIUM     | 524           | Y           | J             | J            |           | 524           | mg/kg | 1530   | mg/kg |
| RY393-E      | 10FC-RY393-E-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | SILVER        | 1.0           | Y           | J             |              | J         | 1.0           | mg/kg | 0.25   | mg/kg |
| RY393-E      | 10FC-RY393-E-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | SODIUM        | 524           | Y           | J             |              | J         | 524           | mg/kg | 282    | mg/kg |
| RY393-E      | 10FC-RY393-E-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | THALLIUM      | 2.6           | N           | U             |              | U         | 2.6           | mg/kg | 2.6    | mg/kg |
| RY393-E      | 10FC-RY393-E-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | BERYLLIUM     | 0.52          | Y           | J             |              | J         | 0.52          | mg/kg | 0.4    | mg/kg |
| RY393-E      | 10FC-RY393-E-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | CADMIUM       | 0.52          | Y           |               |              |           | 0.52          | mg/kg | 0.88   | mg/kg |
| RY393-E      | 10FC-RY393-E-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | CHROMIUM      | 1.0           | Y           |               |              |           | 1.0           | mg/kg | 7.6    | mg/kg |
| RY393-E      | 10FC-RY393-E-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | COBALT        | 5.2           | Y           | J             |              | J         | 5.2           | mg/kg | 4.9    | mg/kg |
| RY393-E      | 10FC-RY393-E-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | COPPER        | 2.6           | Y           |               |              |           | 2.6           | mg/kg | 14     | mg/kg |
| RY393-E      | 10FC-RY393-E-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | VANADIUM      | 5.2           | Y           |               |              |           | 5.2           | mg/kg | 12.2   | mg/kg |
| RY393-E      | 10FC-RY393-E-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | ZINC          | 6.3           | Y           |               |              |           | 6.3           | mg/kg | 163    | mg/kg |
| RY393-E      | 10FC-RY393-E-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | CALCIUM       | 524           | Y           |               |              |           | 524           | mg/kg | 3860   | mg/kg |
| RY393-E      | 10FC-RY393-E-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | SELENIUM      | 3.7           | N           | U             |              | U         | 3.7           | mg/kg | 3.7    | mg/kg |
| RY395-D      | 10FC-RY395-D-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/3/2010     | ALUMINUM      | 20.9          | Y           |               |              |           | 20.9          | mg/kg | 6060   | mg/kg |
| RY395-D      | 10FC-RY395-D-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/3/2010     | ANTIMONY      | 6.3           | Y           | J             | J            |           | 6.3           | mg/kg | 50.4   | mg/kg |
| RY395-D      | 10FC-RY395-D-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/3/2010     | ARSENIC       | 1.0           | Y           |               |              |           | 1.0           | mg/kg | 35.6   | mg/kg |
| RY395-D      | 10FC-RY395-D-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/3/2010     | BARIUM        | 20.9          | Y           |               |              |           | 20.9          | mg/kg | 101    | mg/kg |
| RY395-D      | 10FC-RY395-D-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | IRON          | 10.5          | Y           |               |              |           | 10.5          | mg/kg | 10300  | mg/kg |
| RY395-D      | 10FC-RY395-D-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | LEAD          | 1.0           | Y           |               |              |           | 1.0           | mg/kg | 292    | mg/kg |
| RY395-D      | 10FC-RY395-D-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 523           | Y           | J             | J            |           | 523           | mg/kg | 2410   | mg/kg |
| RY395-D      | 10FC-RY395-D-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | MANGANESE     | 1.6           | Y           | J             | J            |           | 1.6           | mg/kg | 393    | mg/kg |
| RY395-D      | 10FC-RY395-D-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | NICKEL        | 4.2           | Y           |               |              |           | 4.2           | mg/kg | 5.5    | mg/kg |
| RY395-D      | 10FC-RY395-D-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | POTASSIUM     | 523           | Y           | J             | J            |           | 523           | mg/kg | 1130   | mg/kg |
| RY395-D      | 10FC-RY395-D-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | SILVER        | 1.0           | Y           |               |              |           | 1.0           | mg/kg | 1.2    | mg/kg |
| RY395-D      | 10FC-RY395-D-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | SODIUM        | 523           | Y           | J             |              | J         | 523           | mg/kg | 336    | mg/kg |
| RY395-D      | 10FC-RY395-D-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | THALLIUM      | 2.6           | N           | U             |              | U         | 2.6           | mg/kg | 2.6    | mg/kg |
| RY395-D      | 10FC-RY395-D-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | BERYLLIUM     | 0.52          | Y           | J             |              | J         | 0.52          | mg/kg | 0.36   | mg/kg |
| RY395-D      | 10FC-RY395-D-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | CADMIUM       | 0.52          | Y           |               |              |           | 0.52          | mg/kg | 3.6    | mg/kg |
| RY395-D      | 10FC-RY395-D-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | CHROMIUM      | 1.0           | Y           |               |              |           | 1.0           | mg/kg | 5.4    | mg/kg |
| RY395-D      | 10FC-RY395-D-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | COBALT        | 5.2           | Y           | J             |              | J         | 5.2           | mg/kg | 4.3    | mg/kg |
| RY395-D      | 10FC-RY395-D-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | COPPER        | 2.6           | Y           |               |              |           | 2.6           | mg/kg | 11.5   | mg/kg |
| RY395-D      | 10FC-RY395-D-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | VANADIUM      | 5.2           | Y           |               |              |           | 5.2           | mg/kg | 11.4   | mg/kg |
| RY395-D      | 10FC-RY395-D-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | ZINC          | 6.3           | Y           |               |              |           | 6.3           | mg/kg | 710    | mg/kg |
| RY395-D      | 10FC-RY395-D-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | CALCIUM       | 523           | Y           |               |              |           | 523           | mg/kg | 1840   | mg/kg |
| RY395-D      | 10FC-RY395-D-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | SELENIUM      | 3.7           | N           | U             |              | U         | 3.7           | mg/kg | 3.7    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY398-A      | 10FC-RY398-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/3/2010     | ALUMINUM      | 20.1                | Y           |               |              |           | 20.1                | mg/kg | 8250   | mg/kg |
| RY398-A      | 10FC-RY398-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/3/2010     | ANTIMONY      | 6.0                 | Y           | J             | J            |           | 6.0                 | mg/kg | 17.4   | mg/kg |
| RY398-A      | 10FC-RY398-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/3/2010     | ARSENIC       | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 53.1   | mg/kg |
| RY398-A      | 10FC-RY398-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/3/2010     | BARIUM        | 20.1                | Y           |               |              |           | 20.1                | mg/kg | 428    | mg/kg |
| RY398-A      | 10FC-RY398-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | IRON          | 10.0                | Y           |               |              |           | 10.0                | mg/kg | 15000  | mg/kg |
| RY398-A      | 10FC-RY398-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | LEAD          | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 932    | mg/kg |
| RY398-A      | 10FC-RY398-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 502                 | Y           | J             | J            |           | 502                 | mg/kg | 3690   | mg/kg |
| RY398-A      | 10FC-RY398-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 474    | mg/kg |
| RY398-A      | 10FC-RY398-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | NICKEL        | 4.0                 | Y           |               |              |           | 4.0                 | mg/kg | 9.7    | mg/kg |
| RY398-A      | 10FC-RY398-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | POTASSIUM     | 502                 | Y           | J             | J            |           | 502                 | mg/kg | 1840   | mg/kg |
| RY398-A      | 10FC-RY398-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | SILVER        | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 3.1    | mg/kg |
| RY398-A      | 10FC-RY398-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | SODIUM        | 502                 | Y           | J             |              | J         | 502                 | mg/kg | 367    | mg/kg |
| RY398-A      | 10FC-RY398-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.5    | mg/kg |
| RY398-A      | 10FC-RY398-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | BERYLLIUM     | 0.50                | Y           | J             |              | J         | 0.50                | mg/kg | 0.38   | mg/kg |
| RY398-A      | 10FC-RY398-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | CADMIUM       | 0.50                | Y           |               |              |           | 0.50                | mg/kg | 4.1    | mg/kg |
| RY398-A      | 10FC-RY398-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | CHROMIUM      | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 10.7   | mg/kg |
| RY398-A      | 10FC-RY398-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | COBALT        | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 6.3    | mg/kg |
| RY398-A      | 10FC-RY398-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 37     | mg/kg |
| RY398-A      | 10FC-RY398-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | VANADIUM      | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 10.9   | mg/kg |
| RY398-A      | 10FC-RY398-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 1020   | mg/kg |
| RY398-A      | 10FC-RY398-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | CALCIUM       | 502                 | Y           |               |              |           | 502                 | mg/kg | 12300  | mg/kg |
| RY398-A      | 10FC-RY398-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.5    | mg/kg |
| RY398-A      | 10FC-RY398-A-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/3/2010     | ALUMINUM      | 21.3                | Y           |               |              |           | 21.3                | mg/kg | 8330   | mg/kg |
| RY398-A      | 10FC-RY398-A-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/3/2010     | ANTIMONY      | 6.4                 | Y           | J             | J            |           | 6.4                 | mg/kg | 27.8   | mg/kg |
| RY398-A      | 10FC-RY398-A-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/3/2010     | ARSENIC       | 1.1                 | Y           |               |              |           | 1.1                 | mg/kg | 75.3   | mg/kg |
| RY398-A      | 10FC-RY398-A-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/3/2010     | BARIUM        | 21.3                | Y           |               |              |           | 21.3                | mg/kg | 570    | mg/kg |
| RY398-A      | 10FC-RY398-A-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | IRON          | 10.6                | Y           |               |              |           | 10.6                | mg/kg | 17000  | mg/kg |
| RY398-A      | 10FC-RY398-A-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | LEAD          | 1.1                 | Y           |               |              |           | 1.1                 | mg/kg | 1250   | mg/kg |
| RY398-A      | 10FC-RY398-A-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 532                 | Y           | J             | J            |           | 532                 | mg/kg | 3730   | mg/kg |
| RY398-A      | 10FC-RY398-A-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | MANGANESE     | 1.6                 | Y           | J             | J            |           | 1.6                 | mg/kg | 568    | mg/kg |
| RY398-A      | 10FC-RY398-A-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | NICKEL        | 4.3                 | Y           |               |              |           | 4.3                 | mg/kg | 9.5    | mg/kg |
| RY398-A      | 10FC-RY398-A-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | POTASSIUM     | 532                 | Y           | J             | J            |           | 532                 | mg/kg | 1780   | mg/kg |
| RY398-A      | 10FC-RY398-A-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | SILVER        | 1.1                 | Y           |               |              |           | 1.1                 | mg/kg | 5.4    | mg/kg |
| RY398-A      | 10FC-RY398-A-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | SODIUM        | 532                 | Y           | J             |              | J         | 532                 | mg/kg | 399    | mg/kg |
| RY398-A      | 10FC-RY398-A-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | THALLIUM      | 2.7                 | N           | U             |              | U         | 2.7                 | mg/kg | 2.7    | mg/kg |
| RY398-A      | 10FC-RY398-A-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | BERYLLIUM     | 0.53                | Y           | J             |              | J         | 0.53                | mg/kg | 0.41   | mg/kg |
| RY398-A      | 10FC-RY398-A-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | CADMIUM       | 0.53                | Y           |               |              |           | 0.53                | mg/kg | 5.1    | mg/kg |
| RY398-A      | 10FC-RY398-A-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | CHROMIUM      | 1.1                 | Y           |               |              |           | 1.1                 | mg/kg | 10.3   | mg/kg |
| RY398-A      | 10FC-RY398-A-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | COBALT        | 5.3                 | Y           |               |              |           | 5.3                 | mg/kg | 6.8    | mg/kg |
| RY398-A      | 10FC-RY398-A-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | COPPER        | 2.7                 | Y           |               |              |           | 2.7                 | mg/kg | 29.2   | mg/kg |
| RY398-A      | 10FC-RY398-A-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | VANADIUM      | 5.3                 | Y           |               |              |           | 5.3                 | mg/kg | 11     | mg/kg |
| RY398-A      | 10FC-RY398-A-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | ZINC          | 6.4                 | Y           |               |              |           | 6.4                 | mg/kg | 1350   | mg/kg |
| RY398-A      | 10FC-RY398-A-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | CALCIUM       | 532                 | Y           |               |              |           | 532                 | mg/kg | 9770   | mg/kg |
| RY398-A      | 10FC-RY398-A-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | SELENIUM      | 3.7                 | N           | U             |              | U         | 3.7                 | mg/kg | 3.7    | mg/kg |
| RY398-A      | 10FC-RY398-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/3/2010     | ALUMINUM      | 21.2                | Y           |               |              |           | 21.2                | mg/kg | 9180   | mg/kg |
| RY398-A      | 10FC-RY398-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/3/2010     | ANTIMONY      | 6.4                 | Y           | J             | J            |           | 6.4                 | mg/kg | 29.6   | mg/kg |
| RY398-A      | 10FC-RY398-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/3/2010     | ARSENIC       | 1.1                 | Y           |               |              |           | 1.1                 | mg/kg | 66.1   | mg/kg |
| RY398-A      | 10FC-RY398-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/3/2010     | BARIUM        | 21.2                | Y           |               |              |           | 21.2                | mg/kg | 440    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY398-A      | 10FC-RY398-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | IRON          | 10.6          | Y           |               |              |           | 10.6          | mg/kg | 17300  | mg/kg |
| RY398-A      | 10FC-RY398-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | LEAD          | 1.1           | Y           |               |              |           | 1.1           | mg/kg | 1310   | mg/kg |
| RY398-A      | 10FC-RY398-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 531           | Y           | J             | J            |           | 531           | mg/kg | 3340   | mg/kg |
| RY398-A      | 10FC-RY398-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | MANGANESE     | 1.6           | Y           | J             | J            |           | 1.6           | mg/kg | 596    | mg/kg |
| RY398-A      | 10FC-RY398-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | NICKEL        | 4.2           | Y           |               |              |           | 4.2           | mg/kg | 9.8    | mg/kg |
| RY398-A      | 10FC-RY398-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | POTASSIUM     | 531           | Y           | J             | J            |           | 531           | mg/kg | 1680   | mg/kg |
| RY398-A      | 10FC-RY398-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SILVER        | 1.1           | Y           |               |              |           | 1.1           | mg/kg | 4.6    | mg/kg |
| RY398-A      | 10FC-RY398-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SODIUM        | 531           | Y           | J             |              | J         | 531           | mg/kg | 403    | mg/kg |
| RY398-A      | 10FC-RY398-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | THALLIUM      | 2.7           | N           | U             |              | U         | 2.7           | mg/kg | 2.7    | mg/kg |
| RY398-A      | 10FC-RY398-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | BERYLLIUM     | 0.53          | Y           | J             |              | J         | 0.53          | mg/kg | 0.44   | mg/kg |
| RY398-A      | 10FC-RY398-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CADMIUM       | 0.53          | Y           |               |              |           | 0.53          | mg/kg | 6      | mg/kg |
| RY398-A      | 10FC-RY398-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CHROMIUM      | 1.1           | Y           |               |              |           | 1.1           | mg/kg | 8.8    | mg/kg |
| RY398-A      | 10FC-RY398-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | COBALT        | 5.3           | Y           |               |              |           | 5.3           | mg/kg | 6.9    | mg/kg |
| RY398-A      | 10FC-RY398-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | COPPER        | 2.7           | Y           |               |              |           | 2.7           | mg/kg | 35.9   | mg/kg |
| RY398-A      | 10FC-RY398-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | VANADIUM      | 5.3           | Y           |               |              |           | 5.3           | mg/kg | 11.4   | mg/kg |
| RY398-A      | 10FC-RY398-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | ZINC          | 6.4           | Y           |               |              |           | 6.4           | mg/kg | 1310   | mg/kg |
| RY398-A      | 10FC-RY398-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CALCIUM       | 531           | Y           |               |              |           | 531           | mg/kg | 6790   | mg/kg |
| RY398-A      | 10FC-RY398-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SELENIUM      | 3.7           | N           | U             |              | U         | 3.7           | mg/kg | 3.7    | mg/kg |
| RY398-B      | 10FC-RY398-B-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/3/2010     | ALUMINUM      | 18.9          | Y           |               |              |           | 18.9          | mg/kg | 4510   | mg/kg |
| RY398-B      | 10FC-RY398-B-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/3/2010     | ANTIMONY      | 5.7           | Y           | J             | J            |           | 5.7           | mg/kg | 19.3   | mg/kg |
| RY398-B      | 10FC-RY398-B-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/3/2010     | ARSENIC       | 0.94          | Y           |               |              |           | 0.94          | mg/kg | 50.8   | mg/kg |
| RY398-B      | 10FC-RY398-B-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/3/2010     | BARIUM        | 18.9          | Y           |               |              |           | 18.9          | mg/kg | 130    | mg/kg |
| RY398-B      | 10FC-RY398-B-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | IRON          | 9.4           | Y           |               |              |           | 9.4           | mg/kg | 11000  | mg/kg |
| RY398-B      | 10FC-RY398-B-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | LEAD          | 0.94          | Y           |               |              |           | 0.94          | mg/kg | 451    | mg/kg |
| RY398-B      | 10FC-RY398-B-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 472           | Y           | J             | J            |           | 472           | mg/kg | 4310   | mg/kg |
| RY398-B      | 10FC-RY398-B-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | MANGANESE     | 1.4           | Y           | J             | J            |           | 1.4           | mg/kg | 393    | mg/kg |
| RY398-B      | 10FC-RY398-B-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | NICKEL        | 3.8           | Y           |               |              |           | 3.8           | mg/kg | 7.5    | mg/kg |
| RY398-B      | 10FC-RY398-B-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | POTASSIUM     | 472           | Y           | J             | J            |           | 472           | mg/kg | 1220   | mg/kg |
| RY398-B      | 10FC-RY398-B-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | SILVER        | 0.94          | Y           |               |              |           | 0.94          | mg/kg | 2.5    | mg/kg |
| RY398-B      | 10FC-RY398-B-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | SODIUM        | 472           | Y           | J             |              | J         | 472           | mg/kg | 285    | mg/kg |
| RY398-B      | 10FC-RY398-B-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | THALLIUM      | 2.4           | N           | U             |              | U         | 2.4           | mg/kg | 2.4    | mg/kg |
| RY398-B      | 10FC-RY398-B-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | BERYLLIUM     | 0.47          | Y           | J             |              | J         | 0.47          | mg/kg | 0.32   | mg/kg |
| RY398-B      | 10FC-RY398-B-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | CADMIUM       | 0.47          | Y           |               |              |           | 0.47          | mg/kg | 5.4    | mg/kg |
| RY398-B      | 10FC-RY398-B-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | CHROMIUM      | 0.94          | Y           |               |              |           | 0.94          | mg/kg | 7.6    | mg/kg |
| RY398-B      | 10FC-RY398-B-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | COBALT        | 4.7           | Y           | J             |              | J         | 4.7           | mg/kg | 4.6    | mg/kg |
| RY398-B      | 10FC-RY398-B-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | COPPER        | 2.4           | Y           |               |              |           | 2.4           | mg/kg | 17.4   | mg/kg |
| RY398-B      | 10FC-RY398-B-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | VANADIUM      | 4.7           | Y           |               |              |           | 4.7           | mg/kg | 6.7    | mg/kg |
| RY398-B      | 10FC-RY398-B-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | ZINC          | 5.7           | Y           |               |              |           | 5.7           | mg/kg | 944    | mg/kg |
| RY398-B      | 10FC-RY398-B-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | CALCIUM       | 472           | Y           |               |              |           | 472           | mg/kg | 11800  | mg/kg |
| RY398-B      | 10FC-RY398-B-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | SELENIUM      | 3.3           | N           | U             |              | U         | 3.3           | mg/kg | 3.3    | mg/kg |
| RY398-B      | 10FC-RY398-B-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/3/2010     | ALUMINUM      | 20.7          | Y           |               |              |           | 20.7          | mg/kg | 6220   | mg/kg |
| RY398-B      | 10FC-RY398-B-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/3/2010     | ANTIMONY      | 6.2           | Y           | J             | J            |           | 6.2           | mg/kg | 136    | mg/kg |
| RY398-B      | 10FC-RY398-B-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/3/2010     | ARSENIC       | 1.0           | Y           |               |              |           | 1.0           | mg/kg | 462    | mg/kg |
| RY398-B      | 10FC-RY398-B-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/3/2010     | BARIUM        | 20.7          | Y           |               |              |           | 20.7          | mg/kg | 126    | mg/kg |
| RY398-B      | 10FC-RY398-B-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | BERYLLIUM     | 0.52          | Y           | J             |              | J         | 0.52          | mg/kg | 0.39   | mg/kg |
| RY398-B      | 10FC-RY398-B-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | CADMIUM       | 0.52          | Y           |               |              |           | 0.52          | mg/kg | 13.2   | mg/kg |
| RY398-B      | 10FC-RY398-B-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | CHROMIUM      | 1.0           | Y           |               |              |           | 1.0           | mg/kg | 6.9    | mg/kg |
| RY398-B      | 10FC-RY398-B-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | COBALT        | 5.2           | Y           |               |              |           | 5.2           | mg/kg | 6.6    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY398-B      | 10FC-RY398-B-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | COPPER        | 2.6                 | Y           |               |              |           | 2.6                 | mg/kg | 31.4   | mg/kg |
| RY398-B      | 10FC-RY398-B-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | CALCIUM       | 517                 | Y           |               |              |           | 517                 | mg/kg | 15400  | mg/kg |
| RY398-B      | 10FC-RY398-B-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | IRON          | 103                 | Y           |               |              |           | 103                 | mg/kg | 35700  | mg/kg |
| RY398-B      | 10FC-RY398-B-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | LEAD          | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 2480   | mg/kg |
| RY398-B      | 10FC-RY398-B-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 517                 | Y           | J             | J            |           | 517                 | mg/kg | 4500   | mg/kg |
| RY398-B      | 10FC-RY398-B-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | MANGANESE     | 1.6                 | Y           | J             | J            |           | 1.6                 | mg/kg | 1810   | mg/kg |
| RY398-B      | 10FC-RY398-B-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | NICKEL        | 4.1                 | Y           |               |              |           | 4.1                 | mg/kg | 9.9    | mg/kg |
| RY398-B      | 10FC-RY398-B-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | POTASSIUM     | 517                 | Y           | J             | J            |           | 517                 | mg/kg | 1950   | mg/kg |
| RY489-B      | 10FC-RY489-B-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | VANADIUM      | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 13.2   | mg/kg |
| RY489-B      | 10FC-RY489-B-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 35.5   | mg/kg |
| RY489-B      | 10FC-RY489-B-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | SELENIUM      | 3.5                 | Y           | U             | 3.5U         | J         | 3.5                 | mg/kg | 3.5    | mg/kg |
| RY489-B      | 10FC-RY489-B-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | ALUMINUM      | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 8280   | mg/kg |
| RY489-B      | 10FC-RY489-B-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | IRON          | 10.0                | Y           |               |              |           | 10.0                | mg/kg | 8750   | mg/kg |
| RY489-B      | 10FC-RY489-B-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | LEAD          | 1.0                 | Y           | J+            | J+           |           | 1.0                 | mg/kg | 6.3    | mg/kg |
| RY489-B      | 10FC-RY489-B-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2380   | mg/kg |
| RY489-B      | 10FC-RY489-B-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | MANGANESE     | 1.5                 | Y           | J-            | J-           |           | 1.5                 | mg/kg | 507    | mg/kg |
| RY489-B      | 10FC-RY489-B-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | NICKEL        | 4.0                 | Y           | J             | J            |           | 4.0                 | mg/kg | 5.6    | mg/kg |
| RY489-B      | 10FC-RY489-B-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1400   | mg/kg |
| RY489-B      | 10FC-RY489-B-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | SILVER        | 1.0                 | Y           | J             |              | J         | 1.0                 | mg/kg | 0.27   | mg/kg |
| RY489-B      | 10FC-RY489-B-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 94.6   | mg/kg |
| RY489-B      | 10FC-RY489-B-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY489-B      | 10FC-RY489-B-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | ANTIMONY      | 6.0                 | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 6.1    | mg/kg |
| RY489-B      | 10FC-RY489-B-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | ARSENIC       | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 2.4    | mg/kg |
| RY489-B      | 10FC-RY489-B-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | BARIUM        | 20.0                | Y           | J             | J            |           | 20.0                | mg/kg | 177    | mg/kg |
| RY489-B      | 10FC-RY489-B-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | BERYLLIUM     | 0.50                | Y           | J             |              | J         | 0.50                | mg/kg | 0.19   | mg/kg |
| RY489-B      | 10FC-RY489-B-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | CADMIUM       | 0.50                | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY489-B      | 10FC-RY489-B-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | CHROMIUM      | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 5.9    | mg/kg |
| RY489-B      | 10FC-RY489-B-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | COBALT        | 5.0                 | Y           | J             | J            | J         | 5.0                 | mg/kg | 4.2    | mg/kg |
| RY489-B      | 10FC-RY489-B-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 6.7    | mg/kg |
| RY489-B      | 10FC-RY489-B-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | VANADIUM      | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 10.8   | mg/kg |
| RY489-B      | 10FC-RY489-B-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 30.5   | mg/kg |
| RY489-B      | 10FC-RY489-B-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 1670   | mg/kg |
| RY489-B      | 10FC-RY489-B-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | SELENIUM      | 3.5                 | Y           | U             | 3.5U         | J         | 3.5                 | mg/kg | 3.5    | mg/kg |
| RY489-B      | 10FC-RY489-B-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | ALUMINUM      | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 10700  | mg/kg |
| RY489-B      | 10FC-RY489-B-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | IRON          | 10.0                | Y           |               |              |           | 10.0                | mg/kg | 10900  | mg/kg |
| RY489-B      | 10FC-RY489-B-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | LEAD          | 1.0                 | Y           | J+            | J+           |           | 1.0                 | mg/kg | 6.4    | mg/kg |
| RY489-B      | 10FC-RY489-B-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2920   | mg/kg |
| RY489-B      | 10FC-RY489-B-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | MANGANESE     | 1.5                 | Y           | J-            | J-           |           | 1.5                 | mg/kg | 256    | mg/kg |
| RY489-B      | 10FC-RY489-B-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | NICKEL        | 4.0                 | Y           | J             | J            |           | 4.0                 | mg/kg | 6.9    | mg/kg |
| RY489-B      | 10FC-RY489-B-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1770   | mg/kg |
| RY489-B      | 10FC-RY489-B-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | SILVER        | 1.0                 | Y           | J             |              | J         | 1.0                 | mg/kg | 0.33   | mg/kg |
| RY489-B      | 10FC-RY489-B-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 108    | mg/kg |
| RY489-B      | 10FC-RY489-B-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.8    | mg/kg |
| RY489-B      | 10FC-RY489-B-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | ANTIMONY      | 6.0                 | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 6.7    | mg/kg |
| RY489-B      | 10FC-RY489-B-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | ARSENIC       | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 2.6    | mg/kg |
| RY489-B      | 10FC-RY489-B-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | BARIUM        | 20.0                | Y           | J             | J            |           | 20.0                | mg/kg | 156    | mg/kg |
| RY489-B      | 10FC-RY489-B-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | BERYLLIUM     | 0.50                | Y           | J             |              | J         | 0.50                | mg/kg | 0.26   | mg/kg |
| RY489-B      | 10FC-RY489-B-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | CADMIUM       | 0.50                | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code       | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-----------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY489-B      | 10FC-RY489-B-006012   | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | CHROMIUM      | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 7.4    | mg/kg |
| RY489-B      | 10FC-RY489-B-006012   | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | COBALT        | 5.0                 | Y           | J             | J            | J         | 5.0                 | mg/kg | 4.5    | mg/kg |
| RY489-B      | 10FC-RY489-B-006012   | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 8.6    | mg/kg |
| RY489-B      | 10FC-RY489-B-006012   | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | VANADIUM      | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 12.8   | mg/kg |
| RY489-B      | 10FC-RY489-B-006012   | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 28.8   | mg/kg |
| RY489-B      | 10FC-RY489-B-006012   | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 1530   | mg/kg |
| RY489-B      | 10FC-RY489-B-006012   | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | SELENIUM      | 3.5                 | Y           | U             | 3.5U         | J         | 3.5                 | mg/kg | 3.5    | mg/kg |
| RY489-B      | 10FC-RY489-B-006012-D | 7/8/2010    | FD          | 6           | 12        | in         | C200.7          | 10/24/2010    | ALUMINUM      | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 11300  | mg/kg |
| RY489-B      | 10FC-RY489-B-006012-D | 7/8/2010    | FD          | 6           | 12        | in         | C200.7          | 10/24/2010    | IRON          | 10.0                | Y           |               |              |           | 10.0                | mg/kg | 11600  | mg/kg |
| RY489-B      | 10FC-RY489-B-006012-D | 7/8/2010    | FD          | 6           | 12        | in         | C200.7          | 10/24/2010    | LEAD          | 1.0                 | Y           | J+            | J+           |           | 1.0                 | mg/kg | 6.5    | mg/kg |
| RY489-B      | 10FC-RY489-B-006012-D | 7/8/2010    | FD          | 6           | 12        | in         | C200.7          | 10/24/2010    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3030   | mg/kg |
| RY489-B      | 10FC-RY489-B-006012-D | 7/8/2010    | FD          | 6           | 12        | in         | C200.7          | 10/24/2010    | MANGANESE     | 1.5                 | Y           | J-            | J-           |           | 1.5                 | mg/kg | 423    | mg/kg |
| RY489-B      | 10FC-RY489-B-006012-D | 7/8/2010    | FD          | 6           | 12        | in         | C200.7          | 10/24/2010    | NICKEL        | 4.0                 | Y           | J             | J            |           | 4.0                 | mg/kg | 7.4    | mg/kg |
| RY489-B      | 10FC-RY489-B-006012-D | 7/8/2010    | FD          | 6           | 12        | in         | C200.7          | 10/24/2010    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1860   | mg/kg |
| RY489-B      | 10FC-RY489-B-006012-D | 7/8/2010    | FD          | 6           | 12        | in         | C200.7          | 10/24/2010    | SILVER        | 1.0                 | Y           | J             |              | J         | 1.0                 | mg/kg | 0.46   | mg/kg |
| RY489-B      | 10FC-RY489-B-006012-D | 7/8/2010    | FD          | 6           | 12        | in         | C200.7          | 10/24/2010    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 108    | mg/kg |
| RY489-B      | 10FC-RY489-B-006012-D | 7/8/2010    | FD          | 6           | 12        | in         | C200.7          | 10/24/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.8    | mg/kg |
| RY489-B      | 10FC-RY489-B-006012-D | 7/8/2010    | FD          | 6           | 12        | in         | C200.7          | 10/24/2010    | ANTIMONY      | 6.0                 | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 6.7    | mg/kg |
| RY489-B      | 10FC-RY489-B-006012-D | 7/8/2010    | FD          | 6           | 12        | in         | C200.7          | 10/24/2010    | ARSENIC       | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 3.1    | mg/kg |
| RY489-B      | 10FC-RY489-B-006012-D | 7/8/2010    | FD          | 6           | 12        | in         | C200.7          | 10/24/2010    | BARIUM        | 20.0                | Y           | J             | J            |           | 20.0                | mg/kg | 185    | mg/kg |
| RY489-B      | 10FC-RY489-B-006012-D | 7/8/2010    | FD          | 6           | 12        | in         | C200.7          | 10/24/2010    | BERYLLIUM     | 0.50                | Y           | J             |              | J         | 0.50                | mg/kg | 0.27   | mg/kg |
| RY489-B      | 10FC-RY489-B-006012-D | 7/8/2010    | FD          | 6           | 12        | in         | C200.7          | 10/24/2010    | CADMIUM       | 0.50                | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY489-B      | 10FC-RY489-B-006012-D | 7/8/2010    | FD          | 6           | 12        | in         | C200.7          | 10/24/2010    | CHROMIUM      | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 7.4    | mg/kg |
| RY489-B      | 10FC-RY489-B-006012-D | 7/8/2010    | FD          | 6           | 12        | in         | C200.7          | 10/24/2010    | COBALT        | 5.0                 | Y           | J             | J            | J         | 5.0                 | mg/kg | 5.1    | mg/kg |
| RY489-B      | 10FC-RY489-B-006012-D | 7/8/2010    | FD          | 6           | 12        | in         | C200.7          | 10/24/2010    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 8.9    | mg/kg |
| RY489-B      | 10FC-RY489-B-006012-D | 7/8/2010    | FD          | 6           | 12        | in         | C200.7          | 10/24/2010    | VANADIUM      | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 13.3   | mg/kg |
| RY489-B      | 10FC-RY489-B-006012-D | 7/8/2010    | FD          | 6           | 12        | in         | C200.7          | 10/24/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 29.3   | mg/kg |
| RY489-B      | 10FC-RY489-B-006012-D | 7/8/2010    | FD          | 6           | 12        | in         | C200.7          | 10/24/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 1670   | mg/kg |
| RY489-B      | 10FC-RY489-B-006012-D | 7/8/2010    | FD          | 6           | 12        | in         | C200.7          | 10/24/2010    | SELENIUM      | 3.5                 | Y           | U             | 3.5U         | J         | 3.5                 | mg/kg | 3.5    | mg/kg |
| RY489-C      | 10FC-RY489-C-000002   | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | ALUMINUM      | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 9580   | mg/kg |
| RY489-C      | 10FC-RY489-C-000002   | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | IRON          | 10.0                | Y           |               |              |           | 10.0                | mg/kg | 9500   | mg/kg |
| RY489-C      | 10FC-RY489-C-000002   | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | LEAD          | 1.0                 | Y           | J+            | J+           |           | 1.0                 | mg/kg | 7.5    | mg/kg |
| RY489-C      | 10FC-RY489-C-000002   | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2660   | mg/kg |
| RY489-C      | 10FC-RY489-C-000002   | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | MANGANESE     | 1.5                 | Y           | J-            | J-           |           | 1.5                 | mg/kg | 406    | mg/kg |
| RY489-C      | 10FC-RY489-C-000002   | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | NICKEL        | 4.0                 | Y           | J             | J            |           | 4.0                 | mg/kg | 5.8    | mg/kg |
| RY489-C      | 10FC-RY489-C-000002   | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1600   | mg/kg |
| RY489-C      | 10FC-RY489-C-000002   | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | SILVER        | 1.0                 | Y           | J             |              | J         | 1.0                 | mg/kg | 0.31   | mg/kg |
| RY489-C      | 10FC-RY489-C-000002   | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 118    | mg/kg |
| RY489-C      | 10FC-RY489-C-000002   | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 3      | mg/kg |
| RY489-C      | 10FC-RY489-C-000002   | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | ANTIMONY      | 6.0                 | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 7.1    | mg/kg |
| RY489-C      | 10FC-RY489-C-000002   | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | ARSENIC       | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 2.7    | mg/kg |
| RY489-C      | 10FC-RY489-C-000002   | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | BARIUM        | 20.0                | Y           | J             | J            |           | 20.0                | mg/kg | 181    | mg/kg |
| RY489-C      | 10FC-RY489-C-000002   | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | BERYLLIUM     | 0.50                | Y           | J             |              | J         | 0.50                | mg/kg | 0.19   | mg/kg |
| RY489-C      | 10FC-RY489-C-000002   | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | CADMIUM       | 0.50                | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY489-C      | 10FC-RY489-C-000002   | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | CHROMIUM      | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 6.5    | mg/kg |
| RY489-C      | 10FC-RY489-C-000002   | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | COBALT        | 5.0                 | Y           | J             | J            | J         | 5.0                 | mg/kg | 4.1    | mg/kg |
| RY489-C      | 10FC-RY489-C-000002   | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 7.5    | mg/kg |
| RY489-C      | 10FC-RY489-C-000002   | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | VANADIUM      | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 11.2   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY489-C      | 10FC-RY489-C-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 35.1   | mg/kg |
| RY489-C      | 10FC-RY489-C-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 2000   | mg/kg |
| RY489-C      | 10FC-RY489-C-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | SELENIUM      | 3.5                 | Y           | U             | 3.5U         | J         | 3.5                 | mg/kg | 3.5    | mg/kg |
| RY489-C      | 10FC-RY489-C-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | ALUMINUM      | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 10900  | mg/kg |
| RY489-C      | 10FC-RY489-C-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | IRON          | 10.0                | Y           |               |              |           | 10.0                | mg/kg | 10400  | mg/kg |
| RY489-C      | 10FC-RY489-C-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | LEAD          | 1.0                 | Y           | J+            | J+           |           | 1.0                 | mg/kg | 7.8    | mg/kg |
| RY489-C      | 10FC-RY489-C-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2870   | mg/kg |
| RY489-C      | 10FC-RY489-C-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | MANGANESE     | 1.5                 | Y           | J-            | J-           |           | 1.5                 | mg/kg | 523    | mg/kg |
| RY489-C      | 10FC-RY489-C-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | NICKEL        | 4.0                 | Y           | J             | J            |           | 4.0                 | mg/kg | 6.7    | mg/kg |
| RY489-C      | 10FC-RY489-C-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1800   | mg/kg |
| RY489-C      | 10FC-RY489-C-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | SILVER        | 1.0                 | Y           | J             |              | J         | 1.0                 | mg/kg | 0.31   | mg/kg |
| RY489-C      | 10FC-RY489-C-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 141    | mg/kg |
| RY489-C      | 10FC-RY489-C-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.9    | mg/kg |
| RY489-C      | 10FC-RY489-C-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | ANTIMONY      | 6.0                 | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 7      | mg/kg |
| RY489-C      | 10FC-RY489-C-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | ARSENIC       | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 2.4    | mg/kg |
| RY489-C      | 10FC-RY489-C-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | BARIUM        | 20.0                | Y           | J             | J            |           | 20.0                | mg/kg | 208    | mg/kg |
| RY489-C      | 10FC-RY489-C-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | BERYLLIUM     | 0.50                | Y           | J             |              | J         | 0.50                | mg/kg | 0.2    | mg/kg |
| RY489-C      | 10FC-RY489-C-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | CADMIUM       | 0.50                | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY489-C      | 10FC-RY489-C-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | CHROMIUM      | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 6.8    | mg/kg |
| RY489-C      | 10FC-RY489-C-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | COBALT        | 5.0                 | Y           | J             | J            | J         | 5.0                 | mg/kg | 5.7    | mg/kg |
| RY489-C      | 10FC-RY489-C-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 8.2    | mg/kg |
| RY489-C      | 10FC-RY489-C-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | VANADIUM      | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 12     | mg/kg |
| RY489-C      | 10FC-RY489-C-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 38.5   | mg/kg |
| RY489-C      | 10FC-RY489-C-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 1950   | mg/kg |
| RY489-C      | 10FC-RY489-C-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | SELENIUM      | 3.5                 | Y           | U             | 3.5U         | J         | 3.5                 | mg/kg | 3.5    | mg/kg |
| RY489-C      | 10FC-RY489-C-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | ALUMINUM      | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 12100  | mg/kg |
| RY489-C      | 10FC-RY489-C-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | IRON          | 10.0                | Y           |               |              |           | 10.0                | mg/kg | 11200  | mg/kg |
| RY489-C      | 10FC-RY489-C-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | LEAD          | 1.0                 | Y           | J+            | J+           |           | 1.0                 | mg/kg | 7.1    | mg/kg |
| RY489-C      | 10FC-RY489-C-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2920   | mg/kg |
| RY489-C      | 10FC-RY489-C-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | MANGANESE     | 1.5                 | Y           | J-            | J-           |           | 1.5                 | mg/kg | 363    | mg/kg |
| RY489-C      | 10FC-RY489-C-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | NICKEL        | 4.0                 | Y           | J             | J            |           | 4.0                 | mg/kg | 6.6    | mg/kg |
| RY489-C      | 10FC-RY489-C-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1880   | mg/kg |
| RY489-C      | 10FC-RY489-C-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | SILVER        | 1.0                 | Y           | J             |              | J         | 1.0                 | mg/kg | 0.37   | mg/kg |
| RY489-C      | 10FC-RY489-C-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 134    | mg/kg |
| RY489-C      | 10FC-RY489-C-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.9    | mg/kg |
| RY489-C      | 10FC-RY489-C-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | ANTIMONY      | 6.0                 | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 6.9    | mg/kg |
| RY489-C      | 10FC-RY489-C-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | ARSENIC       | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 2.6    | mg/kg |
| RY489-C      | 10FC-RY489-C-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | BARIUM        | 20.0                | Y           | J             | J            |           | 20.0                | mg/kg | 181    | mg/kg |
| RY489-C      | 10FC-RY489-C-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | BERYLLIUM     | 0.50                | Y           | J             |              | J         | 0.50                | mg/kg | 0.21   | mg/kg |
| RY489-C      | 10FC-RY489-C-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | CADMIUM       | 0.50                | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY489-C      | 10FC-RY489-C-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | CHROMIUM      | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 7.3    | mg/kg |
| RY489-C      | 10FC-RY489-C-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | COBALT        | 5.0                 | Y           | J             | J            | J         | 5.0                 | mg/kg | 5.1    | mg/kg |
| RY489-C      | 10FC-RY489-C-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 8.7    | mg/kg |
| RY489-C      | 10FC-RY489-C-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | VANADIUM      | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 12.9   | mg/kg |
| RY489-C      | 10FC-RY489-C-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 34.6   | mg/kg |
| RY489-C      | 10FC-RY489-C-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 1650   | mg/kg |
| RY489-C      | 10FC-RY489-C-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | SELENIUM      | 3.5                 | Y           | U             | 3.5U         | J         | 3.5                 | mg/kg | 3.5    | mg/kg |
| RY489-D      | 10FC-RY489-D-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | ALUMINUM      | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 6320   | mg/kg |



Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY489-D      | 10FC-RY489-D-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | IRON          | 10.0          | Y           |               |              |           | 10.0                | mg/kg | 10300  | mg/kg |
| RY489-D      | 10FC-RY489-D-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | LEAD          | 1.0           | Y           | J+            | J+           |           | 1.0                 | mg/kg | 4.3    | mg/kg |
| RY489-D      | 10FC-RY489-D-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | MAGNESIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 6440   | mg/kg |
| RY489-D      | 10FC-RY489-D-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | MANGANESE     | 1.5           | Y           | J-            | J-           |           | 1.5                 | mg/kg | 291    | mg/kg |
| RY489-D      | 10FC-RY489-D-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | NICKEL        | 4.0           | Y           | J             | J            |           | 4.0                 | mg/kg | 8.6    | mg/kg |
| RY489-D      | 10FC-RY489-D-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | POTASSIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 1320   | mg/kg |
| RY489-D      | 10FC-RY489-D-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | SILVER        | 1.0           | Y           | J             |              | J         | 1.0                 | mg/kg | 0.27   | mg/kg |
| RY489-D      | 10FC-RY489-D-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | SODIUM        | 500           | Y           | J             |              | J         | 500                 | mg/kg | 64.9   | mg/kg |
| RY489-D      | 10FC-RY489-D-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.5    | mg/kg |
| RY489-D      | 10FC-RY489-D-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | ANTIMONY      | 6.0           | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 6.1    | mg/kg |
| RY489-D      | 10FC-RY489-D-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | ARSENIC       | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 3.5    | mg/kg |
| RY489-D      | 10FC-RY489-D-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | BARIUM        | 20.0          | Y           | J             | J            |           | 20.0                | mg/kg | 112    | mg/kg |
| RY489-D      | 10FC-RY489-D-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | BERYLLIUM     | 0.50          | Y           | J             |              | J         | 0.50                | mg/kg | 0.29   | mg/kg |
| RY489-D      | 10FC-RY489-D-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | CADMIUM       | 0.50          | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY489-D      | 10FC-RY489-D-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | CHROMIUM      | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 7.2    | mg/kg |
| RY489-D      | 10FC-RY489-D-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | COBALT        | 5.0           | Y           | J             | J            | J         | 5.0                 | mg/kg | 4.2    | mg/kg |
| RY489-D      | 10FC-RY489-D-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | COPPER        | 2.5           | Y           |               |              |           | 2.5                 | mg/kg | 12.8   | mg/kg |
| RY489-D      | 10FC-RY489-D-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | VANADIUM      | 5.0           | Y           |               |              |           | 5.0                 | mg/kg | 11     | mg/kg |
| RY489-D      | 10FC-RY489-D-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | ZINC          | 6.0           | Y           |               |              |           | 6.0                 | mg/kg | 18.3   | mg/kg |
| RY489-D      | 10FC-RY489-D-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | CALCIUM       | 500           | Y           |               |              |           | 500                 | mg/kg | 13300  | mg/kg |
| RY489-D      | 10FC-RY489-D-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | SELENIUM      | 3.5           | Y           | U             | 3.5U         | J         | 3.5                 | mg/kg | 3.5    | mg/kg |
| RY489-D      | 10FC-RY489-D-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | ALUMINUM      | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 7940   | mg/kg |
| RY489-D      | 10FC-RY489-D-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | IRON          | 10.0          | Y           |               |              |           | 10.0                | mg/kg | 10700  | mg/kg |
| RY489-D      | 10FC-RY489-D-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | LEAD          | 1.0           | Y           | J+            | J+           |           | 1.0                 | mg/kg | 7      | mg/kg |
| RY489-D      | 10FC-RY489-D-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | MAGNESIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 3770   | mg/kg |
| RY489-D      | 10FC-RY489-D-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | MANGANESE     | 1.5           | Y           | J-            | J-           |           | 1.5                 | mg/kg | 409    | mg/kg |
| RY489-D      | 10FC-RY489-D-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | NICKEL        | 4.0           | Y           | J             | J            |           | 4.0                 | mg/kg | 9.1    | mg/kg |
| RY489-D      | 10FC-RY489-D-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | POTASSIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 1430   | mg/kg |
| RY489-D      | 10FC-RY489-D-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | SILVER        | 1.0           | Y           | J             |              | J         | 1.0                 | mg/kg | 0.3    | mg/kg |
| RY489-D      | 10FC-RY489-D-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | SODIUM        | 500           | Y           | J             |              | J         | 500                 | mg/kg | 86     | mg/kg |
| RY489-D      | 10FC-RY489-D-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.8    | mg/kg |
| RY489-D      | 10FC-RY489-D-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | ANTIMONY      | 6.0           | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 6.7    | mg/kg |
| RY489-D      | 10FC-RY489-D-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | ARSENIC       | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 6.8    | mg/kg |
| RY489-D      | 10FC-RY489-D-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | BARIUM        | 20.0          | Y           | J             | J            |           | 20.0                | mg/kg | 135    | mg/kg |
| RY489-D      | 10FC-RY489-D-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | BERYLLIUM     | 0.50          | Y           | J             |              | J         | 0.50                | mg/kg | 0.2    | mg/kg |
| RY489-D      | 10FC-RY489-D-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | CADMIUM       | 0.50          | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY489-D      | 10FC-RY489-D-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | CHROMIUM      | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 5.7    | mg/kg |
| RY418-D      | 10FC-RY418-D-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | ANTIMONY      | 3.6           | Y           | J-            | J-           | J         | 3.6                 | mg/kg | 0.67   | mg/kg |
| RY418-D      | 10FC-RY418-D-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | ARSENIC       | 0.60          | Y           | J-            | J-           |           | 0.60                | mg/kg | 3.3    | mg/kg |
| RY418-D      | 10FC-RY418-D-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | BARIUM        | 12.0          | Y           |               |              |           | 12.0                | mg/kg | 105    | mg/kg |
| RY418-D      | 10FC-RY418-D-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | BERYLLIUM     | 0.30          | Y           | J-            | J-           |           | 0.30                | mg/kg | 0.38   | mg/kg |
| RY418-D      | 10FC-RY418-D-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | CADMIUM       | 0.30          | Y           | J             | J            | J         | 0.30                | mg/kg | 0.04   | mg/kg |
| RY418-D      | 10FC-RY418-D-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | CHROMIUM      | 0.60          | Y           |               |              |           | 0.60                | mg/kg | 6.7    | mg/kg |
| RY418-D      | 10FC-RY418-D-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | COBALT        | 3.0           | Y           |               |              |           | 3.0                 | mg/kg | 4.3    | mg/kg |
| RY418-D      | 10FC-RY418-D-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | COPPER        | 1.5           | Y           |               |              |           | 1.5                 | mg/kg | 10.9   | mg/kg |
| RY418-D      | 10FC-RY418-D-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | VANADIUM      | 3.0           | Y           |               |              |           | 3.0                 | mg/kg | 10.6   | mg/kg |
| RY418-D      | 10FC-RY418-D-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | ZINC          | 3.6           | Y           | J-            | J-           |           | 3.6                 | mg/kg | 45.6   | mg/kg |
| RY418-D      | 10FC-RY418-D-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | CALCIUM       | 301           | Y           |               |              |           | 301                 | mg/kg | 3750   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY418-D      | 10FC-RY418-D-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | SELENIUM      | 2.1           | N           | UJ            | UJ           | U         | 2.1           | mg/kg | 2.1    | mg/kg |
| RY418-E      | 10FC-RY418-E-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | ALUMINUM      | 14.4          | Y           |               |              |           | 14.4          | mg/kg | 11600  | mg/kg |
| RY418-E      | 10FC-RY418-E-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | IRON          | 7.2           | Y           |               |              |           | 7.2           | mg/kg | 11200  | mg/kg |
| RY418-E      | 10FC-RY418-E-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | LEAD          | 0.72          | Y           | J             | J            |           | 0.72          | mg/kg | 80.6   | mg/kg |
| RY418-E      | 10FC-RY418-E-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | MAGNESIUM     | 360           | Y           |               |              |           | 360           | mg/kg | 2920   | mg/kg |
| RY418-E      | 10FC-RY418-E-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | MANGANESE     | 1.1           | Y           |               |              |           | 1.1           | mg/kg | 657    | mg/kg |
| RY418-E      | 10FC-RY418-E-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | NICKEL        | 2.9           | Y           |               |              |           | 2.9           | mg/kg | 7.7    | mg/kg |
| RY418-E      | 10FC-RY418-E-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | POTASSIUM     | 360           | Y           |               |              |           | 360           | mg/kg | 1690   | mg/kg |
| RY418-E      | 10FC-RY418-E-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | SILVER        | 0.72          | N           | UJ            | UJ           | U         | 0.72          | mg/kg | 0.72   | mg/kg |
| RY418-E      | 10FC-RY418-E-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | SODIUM        | 360           | Y           | J             |              | J         | 360           | mg/kg | 217    | mg/kg |
| RY418-E      | 10FC-RY418-E-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | THALLIUM      | 1.8           | N           | UJ            | UJ           | U         | 1.8           | mg/kg | 1.8    | mg/kg |
| RY418-E      | 10FC-RY418-E-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | ANTIMONY      | 4.3           | Y           | J-            | J-           | J         | 4.3           | mg/kg | 2      | mg/kg |
| RY418-E      | 10FC-RY418-E-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | ARSENIC       | 0.72          | Y           | J-            | J-           |           | 0.72          | mg/kg | 4.1    | mg/kg |
| RY418-E      | 10FC-RY418-E-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | BARIUM        | 14.4          | Y           |               |              |           | 14.4          | mg/kg | 319    | mg/kg |
| RY418-E      | 10FC-RY418-E-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | BERYLLIUM     | 0.36          | Y           | J-            | J-           |           | 0.36          | mg/kg | 0.51   | mg/kg |
| RY418-E      | 10FC-RY418-E-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | CADMIUM       | 0.36          | Y           | J             | J            | J         | 0.36          | mg/kg | 0.3    | mg/kg |
| RY418-E      | 10FC-RY418-E-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | CHROMIUM      | 0.72          | Y           |               |              |           | 0.72          | mg/kg | 7.6    | mg/kg |
| RY418-E      | 10FC-RY418-E-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | COBALT        | 3.6           | Y           |               |              |           | 3.6           | mg/kg | 5.4    | mg/kg |
| RY418-E      | 10FC-RY418-E-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | COPPER        | 1.8           | Y           |               |              |           | 1.8           | mg/kg | 17.1   | mg/kg |
| RY418-E      | 10FC-RY418-E-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | VANADIUM      | 3.6           | Y           |               |              |           | 3.6           | mg/kg | 14.1   | mg/kg |
| RY418-E      | 10FC-RY418-E-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | ZINC          | 4.3           | Y           | J-            | J-           |           | 4.3           | mg/kg | 124    | mg/kg |
| RY418-E      | 10FC-RY418-E-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | CALCIUM       | 360           | Y           |               |              |           | 360           | mg/kg | 4820   | mg/kg |
| RY418-E      | 10FC-RY418-E-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | SELENIUM      | 2.5           | N           | UJ            | UJ           | U         | 2.5           | mg/kg | 2.5    | mg/kg |
| RY418-E      | 10FC-RY418-E-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | ALUMINUM      | 14.9          | Y           |               |              |           | 14.9          | mg/kg | 11700  | mg/kg |
| RY418-E      | 10FC-RY418-E-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | IRON          | 7.5           | Y           |               |              |           | 7.5           | mg/kg | 10800  | mg/kg |
| RY418-E      | 10FC-RY418-E-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | LEAD          | 0.75          | Y           | J             | J            |           | 0.75          | mg/kg | 38.1   | mg/kg |
| RY418-E      | 10FC-RY418-E-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | MAGNESIUM     | 374           | Y           |               |              |           | 374           | mg/kg | 2820   | mg/kg |
| RY418-E      | 10FC-RY418-E-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | MANGANESE     | 1.1           | Y           |               |              |           | 1.1           | mg/kg | 594    | mg/kg |
| RY418-E      | 10FC-RY418-E-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | NICKEL        | 3.0           | Y           |               |              |           | 3.0           | mg/kg | 7      | mg/kg |
| RY418-E      | 10FC-RY418-E-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | POTASSIUM     | 374           | Y           |               |              |           | 374           | mg/kg | 1340   | mg/kg |
| RY418-E      | 10FC-RY418-E-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | SILVER        | 0.75          | N           | UJ            | UJ           | U         | 0.75          | mg/kg | 0.75   | mg/kg |
| RY418-E      | 10FC-RY418-E-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | SODIUM        | 374           | Y           | J             |              | J         | 374           | mg/kg | 197    | mg/kg |
| RY418-E      | 10FC-RY418-E-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | THALLIUM      | 1.9           | N           | UJ            | UJ           | U         | 1.9           | mg/kg | 1.9    | mg/kg |
| RY418-E      | 10FC-RY418-E-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | ANTIMONY      | 4.5           | Y           | J-            | J-           | J         | 4.5           | mg/kg | 1.9    | mg/kg |
| RY418-E      | 10FC-RY418-E-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | ARSENIC       | 0.75          | Y           | J-            | J-           |           | 0.75          | mg/kg | 3.6    | mg/kg |
| RY418-E      | 10FC-RY418-E-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | BARIUM        | 14.9          | Y           |               |              |           | 14.9          | mg/kg | 268    | mg/kg |
| RY418-E      | 10FC-RY418-E-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | BERYLLIUM     | 0.37          | Y           | J-            | J-           |           | 0.37          | mg/kg | 0.53   | mg/kg |
| RY418-E      | 10FC-RY418-E-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | CADMIUM       | 0.37          | Y           | J             | J            | J         | 0.37          | mg/kg | 0.11   | mg/kg |
| RY418-E      | 10FC-RY418-E-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | CHROMIUM      | 0.75          | Y           |               |              |           | 0.75          | mg/kg | 6.6    | mg/kg |
| RY418-E      | 10FC-RY418-E-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | COBALT        | 3.7           | Y           |               |              |           | 3.7           | mg/kg | 5.3    | mg/kg |
| RY418-E      | 10FC-RY418-E-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | COPPER        | 1.9           | Y           |               |              |           | 1.9           | mg/kg | 12.1   | mg/kg |
| RY418-E      | 10FC-RY418-E-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | VANADIUM      | 3.7           | Y           |               |              |           | 3.7           | mg/kg | 13.9   | mg/kg |
| RY418-E      | 10FC-RY418-E-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | ZINC          | 4.5           | Y           | J-            | J-           |           | 4.5           | mg/kg | 62.7   | mg/kg |
| RY418-E      | 10FC-RY418-E-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | CALCIUM       | 374           | Y           |               |              |           | 374           | mg/kg | 3630   | mg/kg |
| RY418-E      | 10FC-RY418-E-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | SELENIUM      | 2.6           | N           | UJ            | UJ           | U         | 2.6           | mg/kg | 2.6    | mg/kg |
| RY422-D      | 10FC-RY422-D-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | ALUMINUM      | 12.3          | Y           |               |              |           | 12.3          | mg/kg | 4120   | mg/kg |
| RY422-D      | 10FC-RY422-D-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | IRON          | 6.2           | Y           |               |              |           | 6.2           | mg/kg | 11100  | mg/kg |
| RY422-D      | 10FC-RY422-D-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | LEAD          | 0.62          | Y           | J             | J            |           | 0.62          | mg/kg | 2110   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY422-D      | 10FC-RY422-D-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | MAGNESIUM     | 308                 | Y           |               |              |           | 308                 | mg/kg | 1870   | mg/kg |
| RY422-D      | 10FC-RY422-D-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | MANGANESE     | 0.92                | Y           |               |              |           | 0.92                | mg/kg | 206    | mg/kg |
| RY422-D      | 10FC-RY422-D-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | NICKEL        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 4.4    | mg/kg |
| RY422-D      | 10FC-RY422-D-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | POTASSIUM     | 308                 | Y           |               |              |           | 308                 | mg/kg | 695    | mg/kg |
| RY422-D      | 10FC-RY422-D-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | SILVER        | 0.62                | Y           | J-            | J-           |           | 0.62                | mg/kg | 9      | mg/kg |
| RY422-D      | 10FC-RY422-D-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | SODIUM        | 308                 | Y           | J             |              | J         | 308                 | mg/kg | 133    | mg/kg |
| RY422-D      | 10FC-RY422-D-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | THALLIUM      | 1.5                 | N           | UJ            | UJ           | U         | 1.5                 | mg/kg | 1.5    | mg/kg |
| RY422-D      | 10FC-RY422-D-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | ANTIMONY      | 3.7                 | Y           | J-            | J-           |           | 3.7                 | mg/kg | 598    | mg/kg |
| RY422-D      | 10FC-RY422-D-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | ARSENIC       | 0.62                | Y           | J-            | J-           |           | 0.62                | mg/kg | 229    | mg/kg |
| RY422-D      | 10FC-RY422-D-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | BARIUM        | 12.3                | Y           |               |              |           | 12.3                | mg/kg | 50.2   | mg/kg |
| RY422-D      | 10FC-RY422-D-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | BERYLLIUM     | 0.31                | Y           | J-            | J-           | J         | 0.31                | mg/kg | 0.25   | mg/kg |
| RY422-D      | 10FC-RY422-D-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | CADMIUM       | 0.31                | Y           | J             | J            |           | 0.31                | mg/kg | 6.7    | mg/kg |
| RY422-D      | 10FC-RY422-D-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | CHROMIUM      | 0.62                | Y           |               |              |           | 0.62                | mg/kg | 4.3    | mg/kg |
| RY422-D      | 10FC-RY422-D-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | COBALT        | 3.1                 | Y           |               |              |           | 3.1                 | mg/kg | 3.5    | mg/kg |
| RY422-D      | 10FC-RY422-D-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | COPPER        | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 29.8   | mg/kg |
| RY422-D      | 10FC-RY422-D-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | VANADIUM      | 3.1                 | Y           |               |              |           | 3.1                 | mg/kg | 8.6    | mg/kg |
| RY422-D      | 10FC-RY422-D-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | ZINC          | 3.7                 | Y           | J-            | J-           |           | 3.7                 | mg/kg | 1290   | mg/kg |
| RY422-D      | 10FC-RY422-D-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | CALCIUM       | 308                 | Y           |               |              |           | 308                 | mg/kg | 1380   | mg/kg |
| RY422-D      | 10FC-RY422-D-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | SELENIUM      | 2.2                 | N           | UJ            | UJ           | U         | 2.2                 | mg/kg | 2.2    | mg/kg |
| RY422-D      | 10FC-RY422-D-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | ALUMINUM      | 12.1                | Y           |               |              |           | 12.1                | mg/kg | 4450   | mg/kg |
| RY422-D      | 10FC-RY422-D-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | IRON          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 9010   | mg/kg |
| RY422-D      | 10FC-RY422-D-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | LEAD          | 0.60                | Y           | J             | J            |           | 0.60                | mg/kg | 922    | mg/kg |
| RY422-D      | 10FC-RY422-D-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | MAGNESIUM     | 302                 | Y           |               |              |           | 302                 | mg/kg | 2010   | mg/kg |
| RY422-D      | 10FC-RY422-D-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | MANGANESE     | 0.90                | Y           |               |              |           | 0.90                | mg/kg | 206    | mg/kg |
| RY422-D      | 10FC-RY422-D-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | NICKEL        | 2.4                 | Y           |               |              |           | 2.4                 | mg/kg | 4.7    | mg/kg |
| RY422-D      | 10FC-RY422-D-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | POTASSIUM     | 302                 | Y           |               |              |           | 302                 | mg/kg | 747    | mg/kg |
| RY422-D      | 10FC-RY422-D-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | SILVER        | 0.60                | Y           | J-            | J-           |           | 0.60                | mg/kg | 3.6    | mg/kg |
| RY422-D      | 10FC-RY422-D-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | SODIUM        | 302                 | Y           | J             |              | J         | 302                 | mg/kg | 128    | mg/kg |
| RY422-D      | 10FC-RY422-D-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | THALLIUM      | 1.5                 | N           | UJ            | UJ           | U         | 1.5                 | mg/kg | 1.5    | mg/kg |
| RY422-D      | 10FC-RY422-D-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | ANTIMONY      | 3.6                 | Y           | J-            | J-           |           | 3.6                 | mg/kg | 257    | mg/kg |
| RY422-D      | 10FC-RY422-D-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | ARSENIC       | 0.60                | Y           | J-            | J-           |           | 0.60                | mg/kg | 95     | mg/kg |
| RY422-D      | 10FC-RY422-D-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | BARIUM        | 12.1                | Y           |               |              |           | 12.1                | mg/kg | 54.4   | mg/kg |
| RY422-D      | 10FC-RY422-D-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | BERYLLIUM     | 0.30                | Y           | J-            | J-           | J         | 0.30                | mg/kg | 0.25   | mg/kg |
| RY422-D      | 10FC-RY422-D-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | CADMIUM       | 0.30                | Y           | J             | J            |           | 0.30                | mg/kg | 8.4    | mg/kg |
| RY422-D      | 10FC-RY422-D-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | CHROMIUM      | 0.60                | Y           |               |              |           | 0.60                | mg/kg | 4.5    | mg/kg |
| RY422-D      | 10FC-RY422-D-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | COBALT        | 3.0                 | Y           |               |              |           | 3.0                 | mg/kg | 3.3    | mg/kg |
| RY422-D      | 10FC-RY422-D-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | COPPER        | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 16.8   | mg/kg |
| RY422-D      | 10FC-RY422-D-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | VANADIUM      | 3.0                 | Y           |               |              |           | 3.0                 | mg/kg | 8.8    | mg/kg |
| RY422-D      | 10FC-RY422-D-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | ZINC          | 3.6                 | Y           | J-            | J-           |           | 3.6                 | mg/kg | 1220   | mg/kg |
| RY422-D      | 10FC-RY422-D-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | CALCIUM       | 302                 | Y           |               |              |           | 302                 | mg/kg | 1710   | mg/kg |
| RY422-D      | 10FC-RY422-D-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | SELENIUM      | 2.1                 | N           | UJ            | UJ           | U         | 2.1                 | mg/kg | 2.1    | mg/kg |
| RY422-D      | 10FC-RY422-D-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | ALUMINUM      | 12.0                | Y           |               |              |           | 12.0                | mg/kg | 4450   | mg/kg |
| RY422-D      | 10FC-RY422-D-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | IRON          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 7620   | mg/kg |
| RY422-D      | 10FC-RY422-D-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | LEAD          | 0.60                | Y           | J             | J            |           | 0.60                | mg/kg | 289    | mg/kg |
| RY422-D      | 10FC-RY422-D-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | MAGNESIUM     | 300                 | Y           |               |              |           | 300                 | mg/kg | 1880   | mg/kg |
| RY422-D      | 10FC-RY422-D-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | MANGANESE     | 0.90                | Y           |               |              |           | 0.90                | mg/kg | 226    | mg/kg |
| RY422-D      | 10FC-RY422-D-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | NICKEL        | 2.4                 | Y           |               |              |           | 2.4                 | mg/kg | 4.6    | mg/kg |
| RY422-D      | 10FC-RY422-D-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | POTASSIUM     | 300                 | Y           |               |              |           | 300                 | mg/kg | 697    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                         |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY422-D      | 10FC-RY422-D-006012     | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | SILVER        | 0.60          | Y           | J-            | J-           |           | 0.60          | mg/kg | 0.81   | mg/kg |
| RY422-D      | 10FC-RY422-D-006012     | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | SODIUM        | 300           | Y           | J             |              | J         | 300           | mg/kg | 121    | mg/kg |
| RY422-D      | 10FC-RY422-D-006012     | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | THALLIUM      | 1.5           | N           | UJ            | UJ           | U         | 1.5           | mg/kg | 1.5    | mg/kg |
| RY422-D      | 10FC-RY422-D-006012     | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | ANTIMONY      | 3.6           | Y           | J-            | J-           |           | 3.6           | mg/kg | 67.3   | mg/kg |
| RY422-D      | 10FC-RY422-D-006012     | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | ARSENIC       | 0.60          | Y           | J-            | J-           |           | 0.60          | mg/kg | 28.6   | mg/kg |
| RY422-D      | 10FC-RY422-D-006012     | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | BARIUM        | 12.0          | Y           |               |              |           | 12.0          | mg/kg | 56.8   | mg/kg |
| RY422-D      | 10FC-RY422-D-006012     | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | BERYLLIUM     | 0.30          | Y           | J-            | J-           | J         | 0.30          | mg/kg | 0.24   | mg/kg |
| RY422-D      | 10FC-RY422-D-006012     | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | CADMIUM       | 0.30          | Y           | J             | J            |           | 0.30          | mg/kg | 6.1    | mg/kg |
| RY422-D      | 10FC-RY422-D-006012     | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | CHROMIUM      | 0.60          | Y           |               |              |           | 0.60          | mg/kg | 4.5    | mg/kg |
| RY422-D      | 10FC-RY422-D-006012     | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | COBALT        | 3.0           | Y           |               |              |           | 3.0           | mg/kg | 3.2    | mg/kg |
| RY422-D      | 10FC-RY422-D-006012     | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | COPPER        | 1.5           | Y           |               |              |           | 1.5           | mg/kg | 9.8    | mg/kg |
| RY422-D      | 10FC-RY422-D-006012     | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | VANADIUM      | 3.0           | Y           |               |              |           | 3.0           | mg/kg | 8.7    | mg/kg |
| RY422-D      | 10FC-RY422-D-006012     | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | ZINC          | 3.6           | Y           | J-            | J-           |           | 3.6           | mg/kg | 1040   | mg/kg |
| RY422-D      | 10FC-RY422-D-006012     | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | CALCIUM       | 300           | Y           |               |              |           | 300           | mg/kg | 1480   | mg/kg |
| RY422-D      | 10FC-RY422-D-006012     | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | SELENIUM      | 2.1           | N           | UJ            | UJ           | U         | 2.1           | mg/kg | 2.1    | mg/kg |
| RY423-C      | 10FC-RY423-C-000002     | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | ALUMINUM      | 13.5          | Y           |               |              |           | 13.5          | mg/kg | 6270   | mg/kg |
| RY423-C      | 10FC-RY423-C-000002     | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | IRON          | 6.7           | Y           |               |              |           | 6.7           | mg/kg | 10300  | mg/kg |
| RY423-C      | 10FC-RY423-C-000002     | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | LEAD          | 0.67          | Y           | J             | J            |           | 0.67          | mg/kg | 139    | mg/kg |
| RY423-C      | 10FC-RY423-C-000002     | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | MAGNESIUM     | 337           | Y           |               |              |           | 337           | mg/kg | 3190   | mg/kg |
| RY423-C      | 10FC-RY423-C-000002     | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | MANGANESE     | 1.0           | Y           |               |              |           | 1.0           | mg/kg | 231    | mg/kg |
| RY423-C      | 10FC-RY423-C-000002     | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | NICKEL        | 2.7           | Y           |               |              |           | 2.7           | mg/kg | 7.2    | mg/kg |
| RY423-C      | 10FC-RY423-C-000002     | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | POTASSIUM     | 337           | Y           |               |              |           | 337           | mg/kg | 859    | mg/kg |
| RY423-C      | 10FC-RY423-C-000002     | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | SILVER        | 0.67          | N           | UJ            | UJ           | U         | 0.67          | mg/kg | 0.67   | mg/kg |
| RY423-C      | 10FC-RY423-C-000002     | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | SODIUM        | 337           | Y           | J             |              | J         | 337           | mg/kg | 132    | mg/kg |
| RY423-C      | 10FC-RY423-C-000002     | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | THALLIUM      | 1.7           | N           | UJ            | UJ           | U         | 1.7           | mg/kg | 1.7    | mg/kg |
| RY001-NSS-A  | 09FC-RY001-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ALUMINUM      | 20            | Y           |               |              |           | 20            | mg/kg | 4590   | mg/kg |
| RY001-NSS-A  | 09FC-RY001-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | IRON          | 10            | Y           |               |              |           | 10            | mg/kg | 7110   | mg/kg |
| RY001-NSS-A  | 09FC-RY001-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | LEAD          | 1             | Y           | J+            | J+           |           | 1             | mg/kg | 7.3    | mg/kg |
| RY001-NSS-A  | 09FC-RY001-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | MAGNESIUM     | 500           | Y           |               |              |           | 500           | mg/kg | 2670   | mg/kg |
| RY001-NSS-A  | 09FC-RY001-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | MANGANESE     | 1.5           | Y           |               |              |           | 1.5           | mg/kg | 188    | mg/kg |
| RY001-NSS-A  | 09FC-RY001-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | NICKEL        | 4             | Y           |               |              |           | 4             | mg/kg | 5.3    | mg/kg |
| RY001-NSS-A  | 09FC-RY001-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | POTASSIUM     | 500           | Y           |               |              |           | 500           | mg/kg | 1070   | mg/kg |
| RY001-NSS-A  | 09FC-RY001-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SILVER        | 1             | N           | UJ            | UJ           | U         | 1             | mg/kg | 1.1    | mg/kg |
| RY001-NSS-A  | 09FC-RY001-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SODIUM        | 500           | N           | U             |              | U         | 500           | mg/kg | 545    | mg/kg |
| RY001-NSS-A  | 09FC-RY001-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5           | mg/kg | 2.7    | mg/kg |
| RY001-NSS-A  | 09FC-RY001-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ANTIMONY      | 6             | N           | U             |              | U         | 6             | mg/kg | 6.5    | mg/kg |
| RY001-NSS-A  | 09FC-RY001-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ARSENIC       | 1             | Y           |               |              |           | 1             | mg/kg | 2.3    | mg/kg |
| RY001-NSS-A  | 09FC-RY001-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | BARIUM        | 20            | Y           |               |              |           | 20            | mg/kg | 77     | mg/kg |
| RY001-NSS-A  | 09FC-RY001-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | BERYLLIUM     | 0.5           | Y           | J             |              | J         | 0.5           | mg/kg | 0.21   | mg/kg |
| RY001-NSS-A  | 09FC-RY001-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CADMIUM       | 0.5           | N           | U             |              | U         | 0.5           | mg/kg | 0.55   | mg/kg |
| RY001-NSS-A  | 09FC-RY001-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CHROMIUM      | 1             | Y           |               |              |           | 1             | mg/kg | 6.4    | mg/kg |
| RY001-NSS-A  | 09FC-RY001-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | COBALT        | 5             | Y           | J             |              | J         | 5             | mg/kg | 4.1    | mg/kg |
| RY001-NSS-A  | 09FC-RY001-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | COPPER        | 2.5           | Y           |               |              |           | 2.5           | mg/kg | 7.6    | mg/kg |
| RY001-NSS-A  | 09FC-RY001-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | VANADIUM      | 5             | Y           |               |              |           | 5             | mg/kg | 10.1   | mg/kg |
| RY001-NSS-A  | 09FC-RY001-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ZINC          | 6             | Y           |               |              |           | 6             | mg/kg | 26.8   | mg/kg |
| RY001-NSS-A  | 09FC-RY001-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CALCIUM       | 500           | Y           |               |              |           | 500           | mg/kg | 1870   | mg/kg |
| RY001-NSS-A  | 09FC-RY001-NSS-A-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SELENIUM      | 3.5           | N           | U             |              | U         | 3.5           | mg/kg | 3.8    | mg/kg |
| RY001-NSS-B  | 09FC-RY001-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ALUMINUM      | 20            | Y           |               |              |           | 20            | mg/kg | 4390   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY001-NSS-B  | 09FC-RY001-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 7120   | mg/kg |
| RY001-NSS-B  | 09FC-RY001-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 152    | mg/kg |
| RY001-NSS-B  | 09FC-RY001-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2770   | mg/kg |
| RY001-NSS-B  | 09FC-RY001-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 296    | mg/kg |
| RY001-NSS-B  | 09FC-RY001-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 5.8    | mg/kg |
| RY001-NSS-B  | 09FC-RY001-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1270   | mg/kg |
| RY001-NSS-B  | 09FC-RY001-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SILVER        | 1                   | N           | UJ            | UJ           | U         | 1                   | mg/kg | 1      | mg/kg |
| RY001-NSS-B  | 09FC-RY001-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 522    | mg/kg |
| RY001-NSS-B  | 09FC-RY001-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY001-NSS-B  | 09FC-RY001-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ANTIMONY      | 6                   | N           | U             |              | U         | 6                   | mg/kg | 6.3    | mg/kg |
| RY001-NSS-B  | 09FC-RY001-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 2.9    | mg/kg |
| RY001-NSS-B  | 09FC-RY001-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 137    | mg/kg |
| RY001-NSS-B  | 09FC-RY001-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.22   | mg/kg |
| RY001-NSS-B  | 09FC-RY001-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CADMIUM       | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.3    | mg/kg |
| RY001-NSS-B  | 09FC-RY001-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 6.1    | mg/kg |
| RY001-NSS-B  | 09FC-RY001-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.1    | mg/kg |
| RY001-NSS-B  | 09FC-RY001-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 13.4   | mg/kg |
| RY001-NSS-B  | 09FC-RY001-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 10     | mg/kg |
| RY001-NSS-B  | 09FC-RY001-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 70.5   | mg/kg |
| RY001-NSS-B  | 09FC-RY001-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 5490   | mg/kg |
| RY001-NSS-B  | 09FC-RY001-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.7    | mg/kg |
| RY002-NSB-D  | 09FC-RY002-NSB-D-002006 | 8/3/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 4620   | mg/kg |
| RY002-NSB-D  | 09FC-RY002-NSB-D-002006 | 8/3/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 7040   | mg/kg |
| RY002-NSB-D  | 09FC-RY002-NSB-D-002006 | 8/3/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 27.3   | mg/kg |
| RY002-NSB-D  | 09FC-RY002-NSB-D-002006 | 8/3/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3200   | mg/kg |
| RY002-NSB-D  | 09FC-RY002-NSB-D-002006 | 8/3/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 233    | mg/kg |
| RY002-NSB-D  | 09FC-RY002-NSB-D-002006 | 8/3/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.7    | mg/kg |
| RY002-NSB-D  | 09FC-RY002-NSB-D-002006 | 8/3/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1090   | mg/kg |
| RY002-NSB-D  | 09FC-RY002-NSB-D-002006 | 8/3/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | SILVER        | 1                   | N           | UJ            | UJ           | U         | 1                   | mg/kg | 1      | mg/kg |
| RY002-NSB-D  | 09FC-RY002-NSB-D-002006 | 8/3/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 524    | mg/kg |
| RY002-NSB-D  | 09FC-RY002-NSB-D-002006 | 8/3/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY002-NSB-D  | 09FC-RY002-NSB-D-002006 | 8/3/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | ANTIMONY      | 6                   | N           | U             |              | U         | 6                   | mg/kg | 6.3    | mg/kg |
| RY002-NSB-D  | 09FC-RY002-NSB-D-002006 | 8/3/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 3.1    | mg/kg |
| RY002-NSB-D  | 09FC-RY002-NSB-D-002006 | 8/3/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 88.2   | mg/kg |
| RY002-NSB-D  | 09FC-RY002-NSB-D-002006 | 8/3/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.25   | mg/kg |
| RY002-NSB-D  | 09FC-RY002-NSB-D-002006 | 8/3/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | CADMIUM       | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.52   | mg/kg |
| RY002-NSB-D  | 09FC-RY002-NSB-D-002006 | 8/3/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 8.8    | mg/kg |
| RY002-NSB-D  | 09FC-RY002-NSB-D-002006 | 8/3/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.7    | mg/kg |
| RY002-NSB-D  | 09FC-RY002-NSB-D-002006 | 8/3/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 9.4    | mg/kg |
| RY002-NSB-D  | 09FC-RY002-NSB-D-002006 | 8/3/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 10.2   | mg/kg |
| RY002-NSB-D  | 09FC-RY002-NSB-D-002006 | 8/3/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 31.6   | mg/kg |
| RY002-NSB-D  | 09FC-RY002-NSB-D-002006 | 8/3/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 3600   | mg/kg |
| RY002-NSB-D  | 09FC-RY002-NSB-D-002006 | 8/3/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.7    | mg/kg |
| RY002-NSS-B  | 09FC-RY002-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 4160   | mg/kg |
| RY002-NSS-B  | 09FC-RY002-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 6620   | mg/kg |
| RY002-NSS-B  | 09FC-RY002-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 12.8   | mg/kg |
| RY002-NSS-B  | 09FC-RY002-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2550   | mg/kg |
| RY002-NSS-B  | 09FC-RY002-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 249    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY002-NSS-B  | 09FC-RY002-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 5.2    | mg/kg |
| RY002-NSS-B  | 09FC-RY002-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1020   | mg/kg |
| RY002-NSS-B  | 09FC-RY002-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SILVER        | 1                   | N           | UJ            | UJ           |           | 1                   | mg/kg | 1      | mg/kg |
| RY002-NSS-B  | 09FC-RY002-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 505    | mg/kg |
| RY002-NSS-B  | 09FC-RY002-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.5    | mg/kg |
| RY002-NSS-B  | 09FC-RY002-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ANTIMONY      | 6                   | N           | U             |              | U         | 6                   | mg/kg | 6.1    | mg/kg |
| RY002-NSS-B  | 09FC-RY002-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 2.5    | mg/kg |
| RY002-NSS-B  | 09FC-RY002-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 92.3   | mg/kg |
| RY002-NSS-B  | 09FC-RY002-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.18   | mg/kg |
| RY002-NSS-B  | 09FC-RY002-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CADMIUM       | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.51   | mg/kg |
| RY002-NSS-B  | 09FC-RY002-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 5      | mg/kg |
| RY002-NSS-B  | 09FC-RY002-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.2    | mg/kg |
| RY002-NSS-B  | 09FC-RY002-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 7.5    | mg/kg |
| RY002-NSS-B  | 09FC-RY002-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 9.2    | mg/kg |
| RY002-NSS-B  | 09FC-RY002-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 42.9   | mg/kg |
| RY002-NSS-B  | 09FC-RY002-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 1640   | mg/kg |
| RY002-NSS-B  | 09FC-RY002-NSS-B-000002 | 8/3/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.5    | mg/kg |
| RY030-NSB-E  | 09FC-RY030-NSB-E-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 3.5    | mg/kg |
| RY030-NSB-E  | 09FC-RY030-NSB-E-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 23.8   | mg/kg |
| RY030-NSB-E  | 09FC-RY030-NSB-E-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 8.3    | mg/kg |
| RY030-NSB-E  | 09FC-RY030-NSB-E-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 443    | mg/kg |
| RY030-NSB-E  | 09FC-RY030-NSB-E-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 7630   | mg/kg |
| RY030-NSB-E  | 09FC-RY030-NSB-E-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 1.2    | mg/kg |
| RY030-NSB-E  | 09FC-RY030-NSB-E-006012 | 8/6/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | ALUMINUM      | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 3370   | mg/kg |
| RY030-NSB-E  | 09FC-RY030-NSB-E-006012 | 8/6/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 6080   | mg/kg |
| RY030-NSB-E  | 09FC-RY030-NSB-E-006012 | 8/6/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 314    | mg/kg |
| RY030-NSB-E  | 09FC-RY030-NSB-E-006012 | 8/6/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 1830   | mg/kg |
| RY030-NSB-E  | 09FC-RY030-NSB-E-006012 | 8/6/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 409    | mg/kg |
| RY030-NSB-E  | 09FC-RY030-NSB-E-006012 | 8/6/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 4.8    | mg/kg |
| RY030-NSB-E  | 09FC-RY030-NSB-E-006012 | 8/6/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 991    | mg/kg |
| RY030-NSB-E  | 09FC-RY030-NSB-E-006012 | 8/6/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | SILVER        | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 2.5    | mg/kg |
| RY030-NSB-E  | 09FC-RY030-NSB-E-006012 | 8/6/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | SODIUM        | 500                 | Y           | U             | U            | J         | 500                 | mg/kg | 500    | mg/kg |
| RY030-NSB-E  | 09FC-RY030-NSB-E-006012 | 8/6/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY030-NSB-E  | 09FC-RY030-NSB-E-006012 | 8/6/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | ANTIMONY      | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 41.6   | mg/kg |
| RY030-NSB-E  | 09FC-RY030-NSB-E-006012 | 8/6/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 46.8   | mg/kg |
| RY030-NSB-E  | 09FC-RY030-NSB-E-006012 | 8/6/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 138    | mg/kg |
| RY030-NSB-E  | 09FC-RY030-NSB-E-006012 | 8/6/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.24   | mg/kg |
| RY030-NSB-E  | 09FC-RY030-NSB-E-006012 | 8/6/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 0.67   | mg/kg |
| RY030-NSB-E  | 09FC-RY030-NSB-E-006012 | 8/6/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 4.4    | mg/kg |
| RY030-NSB-E  | 09FC-RY030-NSB-E-006012 | 8/6/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 3.4    | mg/kg |
| RY030-NSB-E  | 09FC-RY030-NSB-E-006012 | 8/6/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 11     | mg/kg |
| RY030-NSB-E  | 09FC-RY030-NSB-E-006012 | 8/6/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 6.5    | mg/kg |
| RY030-NSB-E  | 09FC-RY030-NSB-E-006012 | 8/6/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 139    | mg/kg |
| RY030-NSB-E  | 09FC-RY030-NSB-E-006012 | 8/6/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 2390   | mg/kg |
| RY030-NSB-E  | 09FC-RY030-NSB-E-006012 | 8/6/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.57   | mg/kg |
| RY030-NSS-D  | 09FC-RY030-NSS-D-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | ALUMINUM      | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 2260   | mg/kg |
| RY030-NSS-D  | 09FC-RY030-NSS-D-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 7640   | mg/kg |
| RY030-NSS-D  | 09FC-RY030-NSS-D-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 260    | mg/kg |

## Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY030-NSS-D  | 09FC-RY030-NSS-D-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 3470   | mg/kg |
| RY030-NSS-D  | 09FC-RY030-NSS-D-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 258    | mg/kg |
| RY030-NSS-D  | 09FC-RY030-NSS-D-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.3    | mg/kg |
| RY030-NSS-D  | 09FC-RY030-NSS-D-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 477    | mg/kg |
| RY030-NSS-D  | 09FC-RY030-NSS-D-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | SILVER        | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 0.82   | mg/kg |
| RY030-NSS-D  | 09FC-RY030-NSS-D-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | SODIUM        | 500                 | Y           | U             | U            | J         | 500                 | mg/kg | 500    | mg/kg |
| RY030-NSS-D  | 09FC-RY030-NSS-D-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2      | mg/kg |
| RY030-NSS-D  | 09FC-RY030-NSS-D-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | ANTIMONY      | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 13.5   | mg/kg |
| RY030-NSS-D  | 09FC-RY030-NSS-D-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 115    | mg/kg |
| RY030-NSS-D  | 09FC-RY030-NSS-D-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | BARIIUM       | 20                  | Y           |               |              |           | 20                  | mg/kg | 73.9   | mg/kg |
| RY030-NSS-D  | 09FC-RY030-NSS-D-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.13   | mg/kg |
| RY030-NSS-D  | 09FC-RY030-NSS-D-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 0.85   | mg/kg |
| RY030-NSS-D  | 09FC-RY030-NSS-D-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 6.9    | mg/kg |
| RY030-NSS-D  | 09FC-RY030-NSS-D-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 3.9    | mg/kg |
| RY030-NSS-D  | 09FC-RY030-NSS-D-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 21     | mg/kg |
| RY030-NSS-D  | 09FC-RY030-NSS-D-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | VANADIUM      | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 3.9    | mg/kg |
| RY030-NSS-D  | 09FC-RY030-NSS-D-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 455    | mg/kg |
| RY030-NSS-D  | 09FC-RY030-NSS-D-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 7850   | mg/kg |
| RY030-NSS-D  | 09FC-RY030-NSS-D-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 2.8    | mg/kg |
| RY033-NSB-A  | 09FC-RY033-NSB-A-002006 | 8/10/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | ALUMINUM      | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 4570   | mg/kg |
| RY033-NSB-A  | 09FC-RY033-NSB-A-002006 | 8/10/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 7430   | mg/kg |
| RY033-NSB-A  | 09FC-RY033-NSB-A-002006 | 8/10/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 48.1   | mg/kg |
| RY033-NSB-A  | 09FC-RY033-NSB-A-002006 | 8/10/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 2290   | mg/kg |
| RY033-NSB-A  | 09FC-RY033-NSB-A-002006 | 8/10/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 362    | mg/kg |
| RY033-NSB-A  | 09FC-RY033-NSB-A-002006 | 8/10/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 5.2    | mg/kg |
| RY033-NSB-A  | 09FC-RY033-NSB-A-002006 | 8/10/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1240   | mg/kg |
| RY033-NSB-A  | 09FC-RY033-NSB-A-002006 | 8/10/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | SILVER        | 1                   | Y           | J+            | J+           | J         | 1                   | mg/kg | 0.25   | mg/kg |
| RY033-NSB-A  | 09FC-RY033-NSB-A-002006 | 8/10/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | SODIUM        | 500                 | Y           | U             | U            | J         | 500                 | mg/kg | 500    | mg/kg |
| RY033-NSB-A  | 09FC-RY033-NSB-A-002006 | 8/10/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.7    | mg/kg |
| RY033-NSB-A  | 09FC-RY033-NSB-A-002006 | 8/10/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | ANTIMONY      | 6                   | Y           | J             | J            | J         | 6                   | mg/kg | 3.9    | mg/kg |
| RY033-NSB-A  | 09FC-RY033-NSB-A-002006 | 8/10/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 8.5    | mg/kg |
| RY033-NSB-A  | 09FC-RY033-NSB-A-002006 | 8/10/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | BARIIUM       | 20                  | Y           |               |              |           | 20                  | mg/kg | 141    | mg/kg |
| RY033-NSB-A  | 09FC-RY033-NSB-A-002006 | 8/10/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.23   | mg/kg |
| RY033-NSB-A  | 09FC-RY033-NSB-A-002006 | 8/10/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 0.58   | mg/kg |
| RY033-NSB-A  | 09FC-RY033-NSB-A-002006 | 8/10/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 4.3    | mg/kg |
| RY033-NSB-A  | 09FC-RY033-NSB-A-002006 | 8/10/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 3.2    | mg/kg |
| RY033-NSB-A  | 09FC-RY033-NSB-A-002006 | 8/10/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 15.4   | mg/kg |
| RY033-NSB-A  | 09FC-RY033-NSB-A-002006 | 8/10/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 8.2    | mg/kg |
| RY033-NSB-A  | 09FC-RY033-NSB-A-002006 | 8/10/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 129    | mg/kg |
| RY033-NSB-A  | 09FC-RY033-NSB-A-002006 | 8/10/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 5290   | mg/kg |
| RY033-NSB-A  | 09FC-RY033-NSB-A-002006 | 8/10/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.91   | mg/kg |
| RY035-DSS-B  | 09FC-RY035-DSS-B-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | ALUMINUM      | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 4900   | mg/kg |
| RY035-DSS-B  | 09FC-RY035-DSS-B-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 7580   | mg/kg |
| RY035-DSS-B  | 09FC-RY035-DSS-B-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 77.1   | mg/kg |
| RY035-DSS-B  | 09FC-RY035-DSS-B-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 2480   | mg/kg |
| RY035-DSS-B  | 09FC-RY035-DSS-B-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 298    | mg/kg |
| RY035-DSS-B  | 09FC-RY035-DSS-B-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 5.5    | mg/kg |
| RY035-DSS-B  | 09FC-RY035-DSS-B-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1190   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY035-DSS-B  | 09FC-RY035-DSS-B-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | SILVER        | 1                   | Y           | J+            | J+           | J         | 1                   | mg/kg | 0.33   | mg/kg |
| RY035-DSS-B  | 09FC-RY035-DSS-B-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | SODIUM        | 500                 | Y           | U             | U            | J         | 500                 | mg/kg | 500    | mg/kg |
| RY035-DSS-B  | 09FC-RY035-DSS-B-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.2    | mg/kg |
| RY035-DSS-B  | 09FC-RY035-DSS-B-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | ANTIMONY      | 6                   | Y           | J             | J            | J         | 6                   | mg/kg | 3.6    | mg/kg |
| RY035-DSS-B  | 09FC-RY035-DSS-B-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 6.3    | mg/kg |
| RY035-DSS-B  | 09FC-RY035-DSS-B-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 116    | mg/kg |
| RY035-DSS-B  | 09FC-RY035-DSS-B-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.25   | mg/kg |
| RY035-DSS-B  | 09FC-RY035-DSS-B-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 0.51   | mg/kg |
| RY035-DSS-B  | 09FC-RY035-DSS-B-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 5      | mg/kg |
| RY035-DSS-B  | 09FC-RY035-DSS-B-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 3.8    | mg/kg |
| RY035-DSS-B  | 09FC-RY035-DSS-B-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 10.3   | mg/kg |
| RY035-DSS-B  | 09FC-RY035-DSS-B-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 8.4    | mg/kg |
| RY035-DSS-B  | 09FC-RY035-DSS-B-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 11.1   | mg/kg |
| RY035-DSS-B  | 09FC-RY035-DSS-B-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 3810   | mg/kg |
| RY035-DSS-B  | 09FC-RY035-DSS-B-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.44   | mg/kg |
| RY035-NSB-B  | 09FC-RY035-NSB-B-002006 | 8/10/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | ALUMINUM      | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 5340   | mg/kg |
| RY035-NSB-B  | 09FC-RY035-NSB-B-002006 | 8/10/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 8460   | mg/kg |
| RY035-NSB-B  | 09FC-RY035-NSB-B-002006 | 8/10/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 97.1   | mg/kg |
| RY035-NSB-B  | 09FC-RY035-NSB-B-002006 | 8/10/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 2640   | mg/kg |
| RY035-NSB-B  | 09FC-RY035-NSB-B-002006 | 8/10/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 284    | mg/kg |
| RY035-NSB-B  | 09FC-RY035-NSB-B-002006 | 8/10/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6      | mg/kg |
| RY035-NSB-B  | 09FC-RY035-NSB-B-002006 | 8/10/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1140   | mg/kg |
| RY035-NSB-B  | 09FC-RY035-NSB-B-002006 | 8/10/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | SILVER        | 1                   | Y           | J+            | J+           | J         | 1                   | mg/kg | 0.35   | mg/kg |
| RY035-NSB-B  | 09FC-RY035-NSB-B-002006 | 8/10/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | SODIUM        | 500                 | Y           | U             | U            | J         | 500                 | mg/kg | 500    | mg/kg |
| RY035-NSB-B  | 09FC-RY035-NSB-B-002006 | 8/10/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.4    | mg/kg |
| RY035-NSB-B  | 09FC-RY035-NSB-B-002006 | 8/10/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | ANTIMONY      | 6                   | Y           | J             | J            | J         | 6                   | mg/kg | 3.7    | mg/kg |
| RY035-NSB-B  | 09FC-RY035-NSB-B-002006 | 8/10/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 6.5    | mg/kg |
| RY035-NSB-B  | 09FC-RY035-NSB-B-002006 | 8/10/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 109    | mg/kg |
| RY035-NSB-B  | 09FC-RY035-NSB-B-002006 | 8/10/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.29   | mg/kg |
| RY035-NSB-B  | 09FC-RY035-NSB-B-002006 | 8/10/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | CADMIUM       | 0.5                 | Y           | U             | U            | J         | 0.5                 | mg/kg | 0.5    | mg/kg |
| RY035-NSB-B  | 09FC-RY035-NSB-B-002006 | 8/10/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 5.2    | mg/kg |
| RY035-NSB-B  | 09FC-RY035-NSB-B-002006 | 8/10/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.1    | mg/kg |
| RY035-NSB-B  | 09FC-RY035-NSB-B-002006 | 8/10/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 9.7    | mg/kg |
| RY035-NSB-B  | 09FC-RY035-NSB-B-002006 | 8/10/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 9.6    | mg/kg |
| RY035-NSB-B  | 09FC-RY035-NSB-B-002006 | 8/10/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 99.6   | mg/kg |
| RY035-NSB-B  | 09FC-RY035-NSB-B-002006 | 8/10/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 2670   | mg/kg |
| RY035-NSB-B  | 09FC-RY035-NSB-B-002006 | 8/10/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.76   | mg/kg |
| RY035-NSB-B  | 09FC-RY035-NSB-B-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 4960   | mg/kg |
| RY035-NSB-B  | 09FC-RY035-NSB-B-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 7770   | mg/kg |
| RY035-NSB-B  | 09FC-RY035-NSB-B-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 159    | mg/kg |
| RY035-NSB-B  | 09FC-RY035-NSB-B-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2280   | mg/kg |
| RY035-NSB-B  | 09FC-RY035-NSB-B-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 347    | mg/kg |
| RY035-NSB-B  | 09FC-RY035-NSB-B-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 4.8    | mg/kg |
| RY035-NSB-B  | 09FC-RY035-NSB-B-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1070   | mg/kg |
| RY035-NSB-B  | 09FC-RY035-NSB-B-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | SILVER        | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 1.2    | mg/kg |
| RY035-NSB-B  | 09FC-RY035-NSB-B-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY035-NSB-B  | 09FC-RY035-NSB-B-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY035-NSB-B  | 09FC-RY035-NSB-B-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ANTIMONY      | 6                   | Y           |               |              |           | 6                   | mg/kg | 9.4    | mg/kg |



Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY035-NSB-B  | 09FC-RY035-NSB-B-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 13     | mg/kg |
| RY035-NSB-B  | 09FC-RY035-NSB-B-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 110    | mg/kg |
| RY035-NSB-B  | 09FC-RY035-NSB-B-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.3    | mg/kg |
| RY035-NSB-B  | 09FC-RY035-NSB-B-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | CADMIUM       | 0.5                 | Y           | U             | U            | J         | 0.5                 | mg/kg | 0.5    | mg/kg |
| RY035-NSB-B  | 09FC-RY035-NSB-B-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 5      | mg/kg |
| RY035-NSB-B  | 09FC-RY035-NSB-B-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 3.8    | mg/kg |
| RY035-NSB-B  | 09FC-RY035-NSB-B-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 10.5   | mg/kg |
| RY035-NSB-B  | 09FC-RY035-NSB-B-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 8.8    | mg/kg |
| RY035-NSB-B  | 09FC-RY035-NSB-B-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 133    | mg/kg |
| RY035-NSB-B  | 09FC-RY035-NSB-B-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 2620   | mg/kg |
| RY035-NSB-B  | 09FC-RY035-NSB-B-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.82   | mg/kg |
| RY035-NSB-C  | 09FC-RY035-NSB-C-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 3840   | mg/kg |
| RY035-NSB-C  | 09FC-RY035-NSB-C-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 6970   | mg/kg |
| RY035-NSB-C  | 09FC-RY035-NSB-C-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 73.2   | mg/kg |
| RY035-NSB-C  | 09FC-RY035-NSB-C-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 4030   | mg/kg |
| RY035-NSB-C  | 09FC-RY035-NSB-C-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 299    | mg/kg |
| RY035-NSB-C  | 09FC-RY035-NSB-C-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 5      | mg/kg |
| RY035-NSB-C  | 09FC-RY035-NSB-C-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 973    | mg/kg |
| RY035-NSB-C  | 09FC-RY035-NSB-C-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | SILVER        | 1                   | Y           | J+            | J+           | J         | 1                   | mg/kg | 0.32   | mg/kg |
| RY035-NSB-C  | 09FC-RY035-NSB-C-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY035-NSB-C  | 09FC-RY035-NSB-C-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.4    | mg/kg |
| RY035-NSB-C  | 09FC-RY035-NSB-C-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ANTIMONY      | 6                   | Y           | J             |              | J         | 6                   | mg/kg | 5      | mg/kg |
| RY035-NSB-C  | 09FC-RY035-NSB-C-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 8.1    | mg/kg |
| RY035-NSB-C  | 09FC-RY035-NSB-C-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 87     | mg/kg |
| RY035-NSB-C  | 09FC-RY035-NSB-C-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.25   | mg/kg |
| RY035-NSB-C  | 09FC-RY035-NSB-C-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | CADMIUM       | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.48   | mg/kg |
| RY035-NSB-C  | 09FC-RY035-NSB-C-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 12.6   | mg/kg |
| RY035-NSB-C  | 09FC-RY035-NSB-C-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 3.4    | mg/kg |
| RY035-NSB-C  | 09FC-RY035-NSB-C-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 12.8   | mg/kg |
| RY035-NSB-C  | 09FC-RY035-NSB-C-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 6.2    | mg/kg |
| RY035-NSB-C  | 09FC-RY035-NSB-C-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 58.5   | mg/kg |
| RY035-NSB-C  | 09FC-RY035-NSB-C-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 10400  | mg/kg |
| RY035-NSB-C  | 09FC-RY035-NSB-C-006012 | 8/10/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 1.2    | mg/kg |
| RY035-NSS-C  | 09FC-RY035-NSS-C-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 3100   | mg/kg |
| RY035-NSS-C  | 09FC-RY035-NSS-C-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 6120   | mg/kg |
| RY035-NSS-C  | 09FC-RY035-NSS-C-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 84.5   | mg/kg |
| RY035-NSS-C  | 09FC-RY035-NSS-C-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3340   | mg/kg |
| RY035-NSS-C  | 09FC-RY035-NSS-C-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 190    | mg/kg |
| RY035-NSS-C  | 09FC-RY035-NSS-C-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 4.8    | mg/kg |
| RY035-NSS-C  | 09FC-RY035-NSS-C-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 766    | mg/kg |
| RY035-NSS-C  | 09FC-RY035-NSS-C-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | SILVER        | 1                   | Y           | J+            | J+           | J         | 1                   | mg/kg | 0.089  | mg/kg |
| RY035-NSS-C  | 09FC-RY035-NSS-C-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY035-NSS-C  | 09FC-RY035-NSS-C-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2      | mg/kg |
| RY035-NSS-C  | 09FC-RY035-NSS-C-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ANTIMONY      | 6                   | Y           | J             |              | J         | 6                   | mg/kg | 0.87   | mg/kg |
| RY035-NSS-C  | 09FC-RY035-NSS-C-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 3.3    | mg/kg |
| RY035-NSS-C  | 09FC-RY035-NSS-C-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 65.9   | mg/kg |
| RY035-NSS-C  | 09FC-RY035-NSS-C-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.21   | mg/kg |
| RY035-NSS-C  | 09FC-RY035-NSS-C-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | CADMIUM       | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.4    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY035-NSS-C  | 09FC-RY035-NSS-C-000002 | 8/10/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 21.4   | mg/kg |
| RY102-NSB-A  | 09FC-RY102-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 14.8   | mg/kg |
| RY102-NSB-A  | 09FC-RY102-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 164    | mg/kg |
| RY102-NSB-A  | 09FC-RY102-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.28   | mg/kg |
| RY102-NSB-A  | 09FC-RY102-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | CADMIUM       | 0.5                 | Y           | J             | J            |           | 0.5                 | mg/kg | 0.67   | mg/kg |
| RY102-NSB-A  | 09FC-RY102-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | CHROMIUM      | 1                   | Y           | J-            | J-           |           | 1                   | mg/kg | 4      | mg/kg |
| RY102-NSB-A  | 09FC-RY102-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 5.3    | mg/kg |
| RY102-NSB-A  | 09FC-RY102-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 16.1   | mg/kg |
| RY102-NSB-A  | 09FC-RY102-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 7.1    | mg/kg |
| RY102-NSB-A  | 09FC-RY102-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | ZINC          | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 158    | mg/kg |
| RY102-NSB-A  | 09FC-RY102-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 9770   | mg/kg |
| RY102-NSB-A  | 09FC-RY102-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.7    | mg/kg |
| RY102-NSB-B  | 09FC-RY102-NSB-B-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 6290   | mg/kg |
| RY102-NSB-B  | 09FC-RY102-NSB-B-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 14200  | mg/kg |
| RY102-NSB-B  | 09FC-RY102-NSB-B-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 195    | mg/kg |
| RY102-NSB-B  | 09FC-RY102-NSB-B-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 4180   | mg/kg |
| RY102-NSB-B  | 09FC-RY102-NSB-B-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 446    | mg/kg |
| RY102-NSB-B  | 09FC-RY102-NSB-B-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 9.9    | mg/kg |
| RY102-NSB-B  | 09FC-RY102-NSB-B-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | POTASSIUM     | 500                 | Y           | J-            | J-           |           | 500                 | mg/kg | 1440   | mg/kg |
| RY102-NSB-B  | 09FC-RY102-NSB-B-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | SILVER        | 1                   | Y           | J+            | J+           | J         | 1                   | mg/kg | 0.92   | mg/kg |
| RY102-NSB-B  | 09FC-RY102-NSB-B-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY102-NSB-B  | 09FC-RY102-NSB-B-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.8    | mg/kg |
| RY102-NSB-B  | 09FC-RY102-NSB-B-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | ANTIMONY      | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 9.8    | mg/kg |
| RY102-NSB-B  | 09FC-RY102-NSB-B-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 25.1   | mg/kg |
| RY102-NSB-B  | 09FC-RY102-NSB-B-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 171    | mg/kg |
| RY102-NSB-B  | 09FC-RY102-NSB-B-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.27   | mg/kg |
| RY102-NSB-B  | 09FC-RY102-NSB-B-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | CADMIUM       | 0.5                 | Y           | J             | J            |           | 0.5                 | mg/kg | 1.4    | mg/kg |
| RY102-NSB-B  | 09FC-RY102-NSB-B-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | CHROMIUM      | 1                   | Y           | J-            | J-           |           | 1                   | mg/kg | 6.3    | mg/kg |
| RY102-NSB-B  | 09FC-RY102-NSB-B-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 5.6    | mg/kg |
| RY102-NSB-B  | 09FC-RY102-NSB-B-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 24.5   | mg/kg |
| RY102-NSB-B  | 09FC-RY102-NSB-B-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 8.1    | mg/kg |
| RY102-NSB-B  | 09FC-RY102-NSB-B-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | ZINC          | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 398    | mg/kg |
| RY102-NSB-B  | 09FC-RY102-NSB-B-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 17000  | mg/kg |
| RY102-NSB-B  | 09FC-RY102-NSB-B-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 1.1    | mg/kg |
| RY102-NSB-B  | 09FC-RY102-NSB-B-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 5260   | mg/kg |
| RY102-NSB-B  | 09FC-RY102-NSB-B-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 17900  | mg/kg |
| RY102-NSB-B  | 09FC-RY102-NSB-B-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 410    | mg/kg |
| RY102-NSB-B  | 09FC-RY102-NSB-B-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 4310   | mg/kg |
| RY102-NSB-B  | 09FC-RY102-NSB-B-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 509    | mg/kg |
| RY102-NSB-B  | 09FC-RY102-NSB-B-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 14.1   | mg/kg |
| RY102-NSB-B  | 09FC-RY102-NSB-B-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | POTASSIUM     | 500                 | Y           | J-            | J-           |           | 500                 | mg/kg | 1170   | mg/kg |
| RY102-NSB-B  | 09FC-RY102-NSB-B-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | SILVER        | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 2.6    | mg/kg |
| RY102-NSB-B  | 09FC-RY102-NSB-B-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY102-NSB-B  | 09FC-RY102-NSB-B-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY102-NSB-B  | 09FC-RY102-NSB-B-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | ANTIMONY      | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 28.3   | mg/kg |
| RY102-NSB-B  | 09FC-RY102-NSB-B-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 60.9   | mg/kg |
| RY102-NSB-B  | 09FC-RY102-NSB-B-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 138    | mg/kg |
| RY102-NSB-B  | 09FC-RY102-NSB-B-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.24   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY102-NSB-B  | 09FC-RY102-NSB-B-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | CADMIUM       | 0.5                 | Y           | J             | J            |           | 0.5                 | mg/kg | 2      | mg/kg |
| RY102-NSB-B  | 09FC-RY102-NSB-B-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | CHROMIUM      | 1                   | Y           | J-            | J-           |           | 1                   | mg/kg | 5.5    | mg/kg |
| RY102-NSB-B  | 09FC-RY102-NSB-B-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 6.8    | mg/kg |
| RY102-NSB-B  | 09FC-RY102-NSB-B-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 24.9   | mg/kg |
| RY102-NSB-B  | 09FC-RY102-NSB-B-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 6.7    | mg/kg |
| RY102-NSB-B  | 09FC-RY102-NSB-B-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | ZINC          | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 407    | mg/kg |
| RY102-NSB-B  | 09FC-RY102-NSB-B-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 24200  | mg/kg |
| RY102-NSB-B  | 09FC-RY102-NSB-B-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.64   | mg/kg |
| RY102-NSB-B  | 09FC-RY102-NSB-B-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 6070   | mg/kg |
| RY102-NSB-B  | 09FC-RY102-NSB-B-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 15000  | mg/kg |
| RY102-NSB-B  | 09FC-RY102-NSB-B-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 1020   | mg/kg |
| RY102-NSB-B  | 09FC-RY102-NSB-B-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 4650   | mg/kg |
| RY102-NSB-B  | 09FC-RY102-NSB-B-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 421    | mg/kg |
| RY102-NSB-B  | 09FC-RY102-NSB-B-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 11.7   | mg/kg |
| RY102-NSB-B  | 09FC-RY102-NSB-B-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | POTASSIUM     | 500                 | Y           | J-            | J-           |           | 500                 | mg/kg | 1160   | mg/kg |
| RY102-NSB-B  | 09FC-RY102-NSB-B-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | SILVER        | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 1      | mg/kg |
| RY102-NSB-B  | 09FC-RY102-NSB-B-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY102-NSB-B  | 09FC-RY102-NSB-B-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.4    | mg/kg |
| RY102-NSB-B  | 09FC-RY102-NSB-B-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | ANTIMONY      | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 14     | mg/kg |
| RY102-NSB-B  | 09FC-RY102-NSB-B-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 30.4   | mg/kg |
| RY102-NSB-B  | 09FC-RY102-NSB-B-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 149    | mg/kg |
| RY102-NSB-B  | 09FC-RY102-NSB-B-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.27   | mg/kg |
| RY102-NSB-B  | 09FC-RY102-NSB-B-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | CADMIUM       | 0.5                 | Y           | J             | J            |           | 0.5                 | mg/kg | 1.2    | mg/kg |
| RY102-NSB-B  | 09FC-RY102-NSB-B-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | CHROMIUM      | 1                   | Y           | J-            | J-           |           | 1                   | mg/kg | 5.1    | mg/kg |
| RY102-NSB-B  | 09FC-RY102-NSB-B-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 6.9    | mg/kg |
| RY102-NSB-B  | 09FC-RY102-NSB-B-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 22.6   | mg/kg |
| RY102-NSB-B  | 09FC-RY102-NSB-B-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 7.6    | mg/kg |
| RY102-NSB-B  | 09FC-RY102-NSB-B-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | ZINC          | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 274    | mg/kg |
| RY102-NSB-B  | 09FC-RY102-NSB-B-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 21600  | mg/kg |
| RY102-NSB-B  | 09FC-RY102-NSB-B-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.61   | mg/kg |
| RY102-NSB-C  | 09FC-RY102-NSB-C-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 7070   | mg/kg |
| RY102-NSB-C  | 09FC-RY102-NSB-C-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 12500  | mg/kg |
| RY102-NSB-C  | 09FC-RY102-NSB-C-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 112    | mg/kg |
| RY102-NSB-C  | 09FC-RY102-NSB-C-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 4020   | mg/kg |
| RY102-NSB-C  | 09FC-RY102-NSB-C-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 390    | mg/kg |
| RY102-NSB-C  | 09FC-RY102-NSB-C-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 9.3    | mg/kg |
| RY102-NSB-C  | 09FC-RY102-NSB-C-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | POTASSIUM     | 500                 | Y           | J-            | J-           |           | 500                 | mg/kg | 1350   | mg/kg |
| RY102-NSB-C  | 09FC-RY102-NSB-C-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | SILVER        | 1                   | Y           | J+            | J+           | J         | 1                   | mg/kg | 0.55   | mg/kg |
| RY102-NSB-C  | 09FC-RY102-NSB-C-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY102-NSB-C  | 09FC-RY102-NSB-C-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.2    | mg/kg |
| RY102-NSB-C  | 09FC-RY102-NSB-C-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | ANTIMONY      | 6                   | Y           | J             | J            | J         | 6                   | mg/kg | 1.5    | mg/kg |
| RY102-NSB-C  | 09FC-RY102-NSB-C-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 15     | mg/kg |
| RY102-NSB-C  | 09FC-RY102-NSB-C-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 137    | mg/kg |
| RY102-NSB-C  | 09FC-RY102-NSB-C-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.3    | mg/kg |
| RY102-NSB-C  | 09FC-RY102-NSB-C-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | CADMIUM       | 0.5                 | Y           | J             | J            |           | 0.5                 | mg/kg | 0.72   | mg/kg |
| RY102-NSB-C  | 09FC-RY102-NSB-C-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | CHROMIUM      | 1                   | Y           | J-            | J-           |           | 1                   | mg/kg | 6.6    | mg/kg |
| RY102-NSB-C  | 09FC-RY102-NSB-C-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 5.7    | mg/kg |
| RY102-NSB-C  | 09FC-RY102-NSB-C-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 20.2   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                         |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY102-NSB-C  | 09FC-RY102-NSB-C-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | VANADIUM      | 5             | Y           |               |              |           | 5             | mg/kg | 9      | mg/kg |
| RY102-NSB-C  | 09FC-RY102-NSB-C-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | ZINC          | 6             | Y           | J-            | J-           |           | 6             | mg/kg | 162    | mg/kg |
| RY102-NSB-C  | 09FC-RY102-NSB-C-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | CALCIUM       | 500           | Y           | J             | J            |           | 500           | mg/kg | 9200   | mg/kg |
| RY102-NSB-C  | 09FC-RY102-NSB-C-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | SELENIUM      | 3.5           | Y           | J             |              | J         | 3.5           | mg/kg | 0.53   | mg/kg |
| RY102-NSB-D  | 09FC-RY102-NSB-D-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | ALUMINUM      | 20            | Y           |               |              |           | 20            | mg/kg | 5410   | mg/kg |
| RY102-NSB-D  | 09FC-RY102-NSB-D-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | IRON          | 10            | Y           | J             | J            |           | 10            | mg/kg | 21200  | mg/kg |
| RY102-NSB-D  | 09FC-RY102-NSB-D-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | LEAD          | 1             | Y           | J             | J            |           | 1             | mg/kg | 2130   | mg/kg |
| RY102-NSB-D  | 09FC-RY102-NSB-D-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500           | mg/kg | 4780   | mg/kg |
| RY102-NSB-D  | 09FC-RY102-NSB-D-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | MANGANESE     | 1.5           | Y           | J             | J            |           | 1.5           | mg/kg | 1090   | mg/kg |
| RY102-NSB-D  | 09FC-RY102-NSB-D-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | NICKEL        | 4             | Y           |               |              |           | 4             | mg/kg | 9.2    | mg/kg |
| RY102-NSB-D  | 09FC-RY102-NSB-D-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | POTASSIUM     | 500           | Y           | J-            | J-           |           | 500           | mg/kg | 1160   | mg/kg |
| RY102-NSB-D  | 09FC-RY102-NSB-D-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | SILVER        | 1             | Y           | J+            | J+           |           | 1             | mg/kg | 13.7   | mg/kg |
| RY102-NSB-D  | 09FC-RY102-NSB-D-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | SODIUM        | 500           | Y           | UJ            | UJ           | J         | 500           | mg/kg | 500    | mg/kg |
| RY102-NSB-D  | 09FC-RY102-NSB-D-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5           | mg/kg | 2.3    | mg/kg |
| RY102-NSB-D  | 09FC-RY102-NSB-D-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | ANTIMONY      | 6             | Y           | J             | J            |           | 6             | mg/kg | 260    | mg/kg |
| RY102-NSB-D  | 09FC-RY102-NSB-D-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | ARSENIC       | 1             | Y           | J             | J            |           | 1             | mg/kg | 427    | mg/kg |
| RY102-NSB-D  | 09FC-RY102-NSB-D-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | BARIUM        | 20            | Y           |               |              |           | 20            | mg/kg | 127    | mg/kg |
| RY102-NSB-D  | 09FC-RY102-NSB-D-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | BERYLLIUM     | 0.5           | Y           | J             |              | J         | 0.5           | mg/kg | 0.24   | mg/kg |
| RY102-NSB-D  | 09FC-RY102-NSB-D-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | CADMIUM       | 0.5           | Y           | J             | J            |           | 0.5           | mg/kg | 11.1   | mg/kg |
| RY102-NSB-D  | 09FC-RY102-NSB-D-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | CHROMIUM      | 1             | Y           | J-            | J-           |           | 1             | mg/kg | 4.4    | mg/kg |
| RY102-NSB-D  | 09FC-RY102-NSB-D-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | COBALT        | 5             | Y           |               |              |           | 5             | mg/kg | 6.5    | mg/kg |
| RY102-NSB-D  | 09FC-RY102-NSB-D-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | COPPER        | 2.5           | Y           |               |              |           | 2.5           | mg/kg | 25.6   | mg/kg |
| RY102-NSB-D  | 09FC-RY102-NSB-D-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | VANADIUM      | 5             | Y           |               |              |           | 5             | mg/kg | 7.1    | mg/kg |
| RY102-NSB-D  | 09FC-RY102-NSB-D-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | ZINC          | 6             | Y           | J-            | J-           |           | 6             | mg/kg | 1760   | mg/kg |
| RY102-NSB-D  | 09FC-RY102-NSB-D-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | CALCIUM       | 500           | Y           | J             | J            |           | 500           | mg/kg | 15500  | mg/kg |
| RY102-NSB-D  | 09FC-RY102-NSB-D-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | SELENIUM      | 3.5           | Y           | J             |              | J         | 3.5           | mg/kg | 0.87   | mg/kg |
| RY102-NSB-D  | 09FC-RY102-NSB-D-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | ALUMINUM      | 20            | Y           |               |              |           | 20            | mg/kg | 4110   | mg/kg |
| RY102-NSB-D  | 09FC-RY102-NSB-D-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | IRON          | 10            | Y           | J             | J            |           | 10            | mg/kg | 11600  | mg/kg |
| RY102-NSB-D  | 09FC-RY102-NSB-D-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | LEAD          | 1             | Y           | J             | J            |           | 1             | mg/kg | 557    | mg/kg |
| RY102-NSB-D  | 09FC-RY102-NSB-D-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500           | mg/kg | 2780   | mg/kg |
| RY102-NSB-D  | 09FC-RY102-NSB-D-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | MANGANESE     | 1.5           | Y           | J             | J            |           | 1.5           | mg/kg | 600    | mg/kg |
| RY102-NSB-D  | 09FC-RY102-NSB-D-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | NICKEL        | 4             | Y           |               |              |           | 4             | mg/kg | 8.3    | mg/kg |
| RY102-NSB-D  | 09FC-RY102-NSB-D-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | POTASSIUM     | 500           | Y           | J-            | J-           |           | 500           | mg/kg | 1110   | mg/kg |
| RY102-NSB-D  | 09FC-RY102-NSB-D-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | SILVER        | 1             | Y           | J+            | J+           |           | 1             | mg/kg | 3.3    | mg/kg |
| RY102-NSB-D  | 09FC-RY102-NSB-D-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | SODIUM        | 500           | Y           | UJ            | UJ           | J         | 500           | mg/kg | 500    | mg/kg |
| RY102-NSB-D  | 09FC-RY102-NSB-D-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5           | mg/kg | 2.4    | mg/kg |
| RY102-NSB-D  | 09FC-RY102-NSB-D-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | ANTIMONY      | 6             | Y           | J             | J            |           | 6             | mg/kg | 19.8   | mg/kg |
| RY102-NSB-D  | 09FC-RY102-NSB-D-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | ARSENIC       | 1             | Y           | J             | J            |           | 1             | mg/kg | 96     | mg/kg |
| RY102-NSB-D  | 09FC-RY102-NSB-D-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | BARIUM        | 20            | Y           |               |              |           | 20            | mg/kg | 151    | mg/kg |
| RY102-NSB-D  | 09FC-RY102-NSB-D-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | BERYLLIUM     | 0.5           | Y           | J             |              | J         | 0.5           | mg/kg | 0.26   | mg/kg |
| RY102-NSB-D  | 09FC-RY102-NSB-D-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | CADMIUM       | 0.5           | Y           | J             | J            |           | 0.5           | mg/kg | 4.3    | mg/kg |
| RY102-NSB-D  | 09FC-RY102-NSB-D-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | CHROMIUM      | 1             | Y           | J-            | J-           |           | 1             | mg/kg | 3      | mg/kg |
| RY102-NSB-D  | 09FC-RY102-NSB-D-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | COBALT        | 5             | Y           |               |              |           | 5             | mg/kg | 5.6    | mg/kg |
| RY102-NSB-D  | 09FC-RY102-NSB-D-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | COPPER        | 2.5           | Y           |               |              |           | 2.5           | mg/kg | 20.7   | mg/kg |
| RY102-NSB-D  | 09FC-RY102-NSB-D-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | VANADIUM      | 5             | Y           |               |              |           | 5             | mg/kg | 6.1    | mg/kg |
| RY102-NSB-D  | 09FC-RY102-NSB-D-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | ZINC          | 6             | Y           | J-            | J-           |           | 6             | mg/kg | 688    | mg/kg |
| RY102-NSB-D  | 09FC-RY102-NSB-D-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | CALCIUM       | 500           | Y           | J             | J            |           | 500           | mg/kg | 15100  | mg/kg |
| RY102-NSB-D  | 09FC-RY102-NSB-D-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | SELENIUM      | 3.5           | Y           | J             |              | J         | 3.5           | mg/kg | 0.7    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY102-NSS-D  | 09FC-RY102-NSS-D-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 3100   | mg/kg |
| RY102-NSS-D  | 09FC-RY102-NSS-D-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 34800  | mg/kg |
| RY102-NSS-D  | 09FC-RY102-NSS-D-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 5140   | mg/kg |
| RY102-NSS-D  | 09FC-RY102-NSS-D-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 3520   | mg/kg |
| RY102-NSS-D  | 09FC-RY102-NSS-D-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 2000   | mg/kg |
| RY102-NSS-D  | 09FC-RY102-NSS-D-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 7.8    | mg/kg |
| RY102-NSS-D  | 09FC-RY102-NSS-D-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | POTASSIUM     | 500                 | Y           | J-            | J-           |           | 500                 | mg/kg | 722    | mg/kg |
| RY102-NSS-D  | 09FC-RY102-NSS-D-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | SILVER        | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 34.1   | mg/kg |
| RY102-NSS-D  | 09FC-RY102-NSS-D-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY102-NSS-D  | 09FC-RY102-NSS-D-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.4    | mg/kg |
| RY102-NSS-D  | 09FC-RY102-NSS-D-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | ANTIMONY      | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 589    | mg/kg |
| RY102-NSS-D  | 09FC-RY102-NSS-D-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 732    | mg/kg |
| RY102-NSS-D  | 09FC-RY102-NSS-D-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 74.3   | mg/kg |
| RY102-NSS-D  | 09FC-RY102-NSS-D-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.13   | mg/kg |
| RY102-NSS-D  | 09FC-RY102-NSS-D-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | CADMIUM       | 0.5                 | Y           | J             | J            |           | 0.5                 | mg/kg | 22.6   | mg/kg |
| RY102-NSS-D  | 09FC-RY102-NSS-D-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | CHROMIUM      | 1                   | Y           | J-            | J-           |           | 1                   | mg/kg | 3.9    | mg/kg |
| RY102-NSS-D  | 09FC-RY102-NSS-D-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 5.1    | mg/kg |
| RY102-NSS-D  | 09FC-RY102-NSS-D-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 40.2   | mg/kg |
| RY102-NSS-D  | 09FC-RY102-NSS-D-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | VANADIUM      | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.6    | mg/kg |
| RY102-NSS-D  | 09FC-RY102-NSS-D-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | ZINC          | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 3430   | mg/kg |
| RY102-NSS-D  | 09FC-RY102-NSS-D-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 22400  | mg/kg |
| RY102-NSS-D  | 09FC-RY102-NSS-D-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.73   | mg/kg |
| RY103-NSB-B  | 09FC-RY103-NSB-B-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 7380   | mg/kg |
| RY103-NSB-B  | 09FC-RY103-NSB-B-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 11400  | mg/kg |
| RY103-NSB-B  | 09FC-RY103-NSB-B-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 123    | mg/kg |
| RY103-NSB-B  | 09FC-RY103-NSB-B-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 3650   | mg/kg |
| RY103-NSB-B  | 09FC-RY103-NSB-B-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 373    | mg/kg |
| RY103-NSB-B  | 09FC-RY103-NSB-B-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 8.4    | mg/kg |
| RY103-NSB-B  | 09FC-RY103-NSB-B-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | POTASSIUM     | 500                 | Y           | J-            | J-           |           | 500                 | mg/kg | 2010   | mg/kg |
| RY103-NSB-B  | 09FC-RY103-NSB-B-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | SILVER        | 1                   | Y           | J+            | J+           | J         | 1                   | mg/kg | 0.49   | mg/kg |
| RY103-NSB-B  | 09FC-RY103-NSB-B-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY103-NSB-B  | 09FC-RY103-NSB-B-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2      | mg/kg |
| RY103-NSB-B  | 09FC-RY103-NSB-B-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | ANTIMONY      | 6                   | Y           | J             | J            | J         | 6                   | mg/kg | 4.8    | mg/kg |
| RY304-NSB-C  | 09FC-RY304-NSB-C-02006  | 9/18/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY304-NSB-C  | 09FC-RY304-NSB-C-02006  | 9/18/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | ANTIMONY      | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 397    | mg/kg |
| RY304-NSB-C  | 09FC-RY304-NSB-C-02006  | 9/18/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 474    | mg/kg |
| RY304-NSB-C  | 09FC-RY304-NSB-C-02006  | 9/18/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | BARIUM        | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 91.5   | mg/kg |
| RY304-NSB-C  | 09FC-RY304-NSB-C-02006  | 9/18/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | BERYLLIUM     | 0.5                 | N           | UJ            | UJ           | U         | 0.5                 | mg/kg | 0.52   | mg/kg |
| RY304-NSB-C  | 09FC-RY304-NSB-C-02006  | 9/18/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | CADMIUM       | 0.5                 | Y           | J             | J            |           | 0.5                 | mg/kg | 9.9    | mg/kg |
| RY304-NSB-C  | 09FC-RY304-NSB-C-02006  | 9/18/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | CHROMIUM      | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 2.6    | mg/kg |
| RY304-NSB-C  | 09FC-RY304-NSB-C-02006  | 9/18/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | COBALT        | 5                   | Y           | J             | J            | J         | 5                   | mg/kg | 3.2    | mg/kg |
| RY304-NSB-C  | 09FC-RY304-NSB-C-02006  | 9/18/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 27.1   | mg/kg |
| RY304-NSB-C  | 09FC-RY304-NSB-C-02006  | 9/18/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 5.7    | mg/kg |
| RY304-NSB-C  | 09FC-RY304-NSB-C-02006  | 9/18/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | ZINC          | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 1360   | mg/kg |
| RY304-NSB-C  | 09FC-RY304-NSB-C-02006  | 9/18/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 1690   | mg/kg |
| RY304-NSB-C  | 09FC-RY304-NSB-C-02006  | 9/18/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | SELENIUM      | 3.5                 | N           | UJ            | UJ           | U         | 3.5                 | mg/kg | 3.6    | mg/kg |
| RY304-NSS-C  | 09FC-RY304-NSS-C-000002 | 9/18/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | ALUMINUM      | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 7170   | mg/kg |
| RY304-NSS-C  | 09FC-RY304-NSS-C-000002 | 9/18/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | IRON          | 10                  | Y           | R             | RJ-          |           | 10                  | mg/kg | 8280   | mg/kg |

## Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY304-NSS-C  | 09FC-RY304-NSS-C-000002 | 9/18/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 155    | mg/kg |
| RY304-NSS-C  | 09FC-RY304-NSS-C-000002 | 9/18/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 3010   | mg/kg |
| RY304-NSS-C  | 09FC-RY304-NSS-C-000002 | 9/18/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | MANGANESE     | 1.5                 | Y           | J-            | J-           |           | 1.5                 | mg/kg | 332    | mg/kg |
| RY304-NSS-C  | 09FC-RY304-NSS-C-000002 | 9/18/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | NICKEL        | 4                   | Y           | J             | J            |           | 4                   | mg/kg | 5.4    | mg/kg |
| RY304-NSS-C  | 09FC-RY304-NSS-C-000002 | 9/18/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1590   | mg/kg |
| RY304-NSS-C  | 09FC-RY304-NSS-C-000002 | 9/18/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | SILVER        | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 1.5    | mg/kg |
| RY304-NSS-C  | 09FC-RY304-NSS-C-000002 | 9/18/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 52.4   | mg/kg |
| RY304-NSS-C  | 09FC-RY304-NSS-C-000002 | 9/18/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY304-NSS-C  | 09FC-RY304-NSS-C-000002 | 9/18/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | ANTIMONY      | 6                   | Y           | J             | J            | J         | 6                   | mg/kg | 5.3    | mg/kg |
| RY304-NSS-C  | 09FC-RY304-NSS-C-000002 | 9/18/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 15.7   | mg/kg |
| RY304-NSS-C  | 09FC-RY304-NSS-C-000002 | 9/18/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | BARIUM        | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 116    | mg/kg |
| RY304-NSS-C  | 09FC-RY304-NSS-C-000002 | 9/18/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | BERYLLIUM     | 0.5                 | N           | UJ            | UJ           | U         | 0.5                 | mg/kg | 0.51   | mg/kg |
| RY304-NSS-C  | 09FC-RY304-NSS-C-000002 | 9/18/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | CADMIUM       | 0.5                 | Y           | J             | J            |           | 0.5                 | mg/kg | 0.91   | mg/kg |
| RY304-NSS-C  | 09FC-RY304-NSS-C-000002 | 9/18/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | CHROMIUM      | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 6.1    | mg/kg |
| RY304-NSS-C  | 09FC-RY304-NSS-C-000002 | 9/18/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | COBALT        | 5                   | Y           | UJ            | UJ           | J         | 5                   | mg/kg | 5      | mg/kg |
| RY304-NSS-C  | 09FC-RY304-NSS-C-000002 | 9/18/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 19.3   | mg/kg |
| RY304-NSS-C  | 09FC-RY304-NSS-C-000002 | 9/18/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 9.2    | mg/kg |
| RY304-NSS-C  | 09FC-RY304-NSS-C-000002 | 9/18/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | ZINC          | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 167    | mg/kg |
| RY304-NSS-C  | 09FC-RY304-NSS-C-000002 | 9/18/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 3050   | mg/kg |
| RY304-NSS-C  | 09FC-RY304-NSS-C-000002 | 9/18/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | SELENIUM      | 3.5                 | N           | UJ            | UJ           | U         | 3.5                 | mg/kg | 3.6    | mg/kg |
| RY312-NSB-D  | 09FC-RY312-NSB-D-002006 | 9/21/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 6210   | mg/kg |
| RY312-NSB-D  | 09FC-RY312-NSB-D-002006 | 9/21/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 10900  | mg/kg |
| RY312-NSB-D  | 09FC-RY312-NSB-D-002006 | 9/21/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 225    | mg/kg |
| RY312-NSB-D  | 09FC-RY312-NSB-D-002006 | 9/21/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2750   | mg/kg |
| RY312-NSB-D  | 09FC-RY312-NSB-D-002006 | 9/21/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 304    | mg/kg |
| RY312-NSB-D  | 09FC-RY312-NSB-D-002006 | 9/21/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6      | mg/kg |
| RY312-NSB-D  | 09FC-RY312-NSB-D-002006 | 9/21/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | POTASSIUM     | 500                 | Y           | J-            | J-           |           | 500                 | mg/kg | 1090   | mg/kg |
| RY312-NSB-D  | 09FC-RY312-NSB-D-002006 | 9/21/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | SILVER        | 1                   | Y           | J             |              | J         | 1                   | mg/kg | 0.91   | mg/kg |
| RY312-NSB-D  | 09FC-RY312-NSB-D-002006 | 9/21/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY312-NSB-D  | 09FC-RY312-NSB-D-002006 | 9/21/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY312-NSB-D  | 09FC-RY312-NSB-D-002006 | 9/21/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | ANTIMONY      | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 19.5   | mg/kg |
| RY312-NSB-D  | 09FC-RY312-NSB-D-002006 | 9/21/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 27     | mg/kg |
| RY312-NSB-D  | 09FC-RY312-NSB-D-002006 | 9/21/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 96.3   | mg/kg |
| RY312-NSB-D  | 09FC-RY312-NSB-D-002006 | 9/21/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.34   | mg/kg |
| RY312-NSB-D  | 09FC-RY312-NSB-D-002006 | 9/21/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 1.4    | mg/kg |
| RY312-NSB-D  | 09FC-RY312-NSB-D-002006 | 9/21/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 6.7    | mg/kg |
| RY312-NSB-D  | 09FC-RY312-NSB-D-002006 | 9/21/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4      | mg/kg |
| RY312-NSB-D  | 09FC-RY312-NSB-D-002006 | 9/21/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | COPPER        | 2.5                 | Y           | J             | J            |           | 2.5                 | mg/kg | 13     | mg/kg |
| RY312-NSB-D  | 09FC-RY312-NSB-D-002006 | 9/21/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 13.8   | mg/kg |
| RY312-NSB-D  | 09FC-RY312-NSB-D-002006 | 9/21/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 336    | mg/kg |
| RY312-NSB-D  | 09FC-RY312-NSB-D-002006 | 9/21/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 1770   | mg/kg |
| RY312-NSB-D  | 09FC-RY312-NSB-D-002006 | 9/21/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.9    | mg/kg |
| RY332-NSB-A  | 09FC-RY332-NSB-A-02006  | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | ALUMINUM      | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 6220   | mg/kg |
| RY332-NSB-A  | 09FC-RY332-NSB-A-02006  | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | IRON          | 10                  | Y           | R             | RJ-          |           | 10                  | mg/kg | 9250   | mg/kg |
| RY332-NSB-A  | 09FC-RY332-NSB-A-02006  | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 578    | mg/kg |
| RY332-NSB-A  | 09FC-RY332-NSB-A-02006  | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 2630   | mg/kg |
| RY332-NSB-A  | 09FC-RY332-NSB-A-02006  | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | MANGANESE     | 1.5                 | Y           | J-            | J-           |           | 1.5                 | mg/kg | 290    | mg/kg |
| RY332-NSB-A  | 09FC-RY332-NSB-A-02006  | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | NICKEL        | 4                   | Y           | J             | J            |           | 4                   | mg/kg | 5.1    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY332-NSB-A  | 09FC-RY332-NSB-A-02006  | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1290   | mg/kg |
| RY332-NSB-A  | 09FC-RY332-NSB-A-02006  | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | SILVER        | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 5.2    | mg/kg |
| RY332-NSB-A  | 09FC-RY332-NSB-A-02006  | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 41.4   | mg/kg |
| RY332-NSB-A  | 09FC-RY332-NSB-A-02006  | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY332-NSB-A  | 09FC-RY332-NSB-A-02006  | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | ANTIMONY      | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 20     | mg/kg |
| RY332-NSB-A  | 09FC-RY332-NSB-A-02006  | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 34.6   | mg/kg |
| RY332-NSB-A  | 09FC-RY332-NSB-A-02006  | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | BARIUM        | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 91.1   | mg/kg |
| RY332-NSB-A  | 09FC-RY332-NSB-A-02006  | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | BERYLLIUM     | 0.5                 | N           | UJ            | UJ           | U         | 0.5                 | mg/kg | 0.51   | mg/kg |
| RY332-NSB-A  | 09FC-RY332-NSB-A-02006  | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | CADMIUM       | 0.5                 | Y           | J             | J            |           | 0.5                 | mg/kg | 3.2    | mg/kg |
| RY332-NSB-A  | 09FC-RY332-NSB-A-02006  | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | CHROMIUM      | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 7.3    | mg/kg |
| RY332-NSB-A  | 09FC-RY332-NSB-A-02006  | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | COBALT        | 5                   | Y           | UJ            | UJ           | J         | 5                   | mg/kg | 5      | mg/kg |
| RY332-NSB-A  | 09FC-RY332-NSB-A-02006  | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 17.1   | mg/kg |
| RY332-NSB-A  | 09FC-RY332-NSB-A-02006  | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 8.8    | mg/kg |
| RY332-NSB-A  | 09FC-RY332-NSB-A-02006  | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | ZINC          | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 422    | mg/kg |
| RY332-NSB-A  | 09FC-RY332-NSB-A-02006  | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 1830   | mg/kg |
| RY332-NSB-A  | 09FC-RY332-NSB-A-02006  | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | SELENIUM      | 3.5                 | N           | UJ            | UJ           | U         | 3.5                 | mg/kg | 3.6    | mg/kg |
| RY332-NSB-B  | 09FC-RY332-NSB-B-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | ALUMINUM      | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 4300   | mg/kg |
| RY332-NSB-B  | 09FC-RY332-NSB-B-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | IRON          | 10                  | Y           | R             | RJ-          |           | 10                  | mg/kg | 10200  | mg/kg |
| RY332-NSB-B  | 09FC-RY332-NSB-B-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 633    | mg/kg |
| RY332-NSB-B  | 09FC-RY332-NSB-B-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 2270   | mg/kg |
| RY332-NSB-B  | 09FC-RY332-NSB-B-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | MANGANESE     | 1.5                 | Y           | J-            | J-           |           | 1.5                 | mg/kg | 387    | mg/kg |
| RY332-NSB-B  | 09FC-RY332-NSB-B-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | NICKEL        | 4                   | Y           | J             | J            |           | 4                   | mg/kg | 5.7    | mg/kg |
| RY332-NSB-B  | 09FC-RY332-NSB-B-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 766    | mg/kg |
| RY332-NSB-B  | 09FC-RY332-NSB-B-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | SILVER        | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 2.9    | mg/kg |
| RY332-NSB-B  | 09FC-RY332-NSB-B-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 45.6   | mg/kg |
| RY332-NSB-B  | 09FC-RY332-NSB-B-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.5    | mg/kg |
| RY332-NSB-B  | 09FC-RY332-NSB-B-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | ANTIMONY      | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 58.7   | mg/kg |
| RY332-NSB-B  | 09FC-RY332-NSB-B-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 64.1   | mg/kg |
| RY332-NSB-B  | 09FC-RY332-NSB-B-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | BARIUM        | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 91     | mg/kg |
| RY332-NSB-B  | 09FC-RY332-NSB-B-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | BERYLLIUM     | 0.5                 | N           | UJ            | UJ           | U         | 0.5                 | mg/kg | 0.51   | mg/kg |
| RY332-NSB-B  | 09FC-RY332-NSB-B-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | CADMIUM       | 0.5                 | Y           | J             | J            |           | 0.5                 | mg/kg | 1.2    | mg/kg |
| RY332-NSB-B  | 09FC-RY332-NSB-B-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | CHROMIUM      | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 4.6    | mg/kg |
| RY332-NSB-B  | 09FC-RY332-NSB-B-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | COBALT        | 5                   | Y           | UJ            | UJ           | J         | 5                   | mg/kg | 5      | mg/kg |
| RY332-NSB-B  | 09FC-RY332-NSB-B-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 45.8   | mg/kg |
| RY332-NSB-B  | 09FC-RY332-NSB-B-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 7.5    | mg/kg |
| RY332-NSB-B  | 09FC-RY332-NSB-B-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | ZINC          | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 223    | mg/kg |
| RY332-NSB-B  | 09FC-RY332-NSB-B-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 1490   | mg/kg |
| RY332-NSB-B  | 09FC-RY332-NSB-B-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | SELENIUM      | 3.5                 | N           | UJ            | UJ           | U         | 3.5                 | mg/kg | 3.5    | mg/kg |
| RY332-NSB-B  | 09FC-RY332-NSB-B-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | ALUMINUM      | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 3640   | mg/kg |
| RY332-NSB-B  | 09FC-RY332-NSB-B-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | IRON          | 10                  | Y           | R             | RJ-          |           | 10                  | mg/kg | 11900  | mg/kg |
| RY332-NSB-B  | 09FC-RY332-NSB-B-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 4150   | mg/kg |
| RY332-NSB-B  | 09FC-RY332-NSB-B-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 2140   | mg/kg |
| RY332-NSB-B  | 09FC-RY332-NSB-B-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | MANGANESE     | 1.5                 | Y           | J-            | J-           |           | 1.5                 | mg/kg | 364    | mg/kg |
| RY332-NSB-B  | 09FC-RY332-NSB-B-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | NICKEL        | 4                   | Y           | J             | J            |           | 4                   | mg/kg | 5.4    | mg/kg |
| RY332-NSB-B  | 09FC-RY332-NSB-B-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 685    | mg/kg |
| RY332-NSB-B  | 09FC-RY332-NSB-B-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | SILVER        | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 23     | mg/kg |
| RY332-NSB-B  | 09FC-RY332-NSB-B-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 39.5   | mg/kg |
| RY332-NSB-B  | 09FC-RY332-NSB-B-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                         |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY332-NSB-B  | 09FC-RY332-NSB-B-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | ANTIMONY      | 6             | Y           | J             | J            |           | 6                   | mg/kg | 398    | mg/kg |
| RY332-NSB-B  | 09FC-RY332-NSB-B-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | ARSENIC       | 1             | Y           | J             | J            |           | 1                   | mg/kg | 350    | mg/kg |
| RY332-NSB-B  | 09FC-RY332-NSB-B-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | BARIUM        | 20            | Y           | J             | J            |           | 20                  | mg/kg | 84.9   | mg/kg |
| RY332-NSB-B  | 09FC-RY332-NSB-B-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | BERYLLIUM     | 0.5           | N           | UJ            | UJ           | U         | 0.5                 | mg/kg | 0.51   | mg/kg |
| RY332-NSB-B  | 09FC-RY332-NSB-B-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | CADMIUM       | 0.5           | Y           | J             | J            |           | 0.5                 | mg/kg | 0.87   | mg/kg |
| RY332-NSB-B  | 09FC-RY332-NSB-B-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | CHROMIUM      | 1             | Y           | J             | J            |           | 1                   | mg/kg | 4.1    | mg/kg |
| RY332-NSB-B  | 09FC-RY332-NSB-B-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | COBALT        | 5             | Y           | UJ            | UJ           | J         | 5                   | mg/kg | 5      | mg/kg |
| RY332-NSB-B  | 09FC-RY332-NSB-B-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | COPPER        | 2.5           | Y           |               |              |           | 2.5                 | mg/kg | 54.9   | mg/kg |
| RY332-NSB-B  | 09FC-RY332-NSB-B-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | VANADIUM      | 5             | Y           |               |              |           | 5                   | mg/kg | 6.1    | mg/kg |
| RY332-NSB-B  | 09FC-RY332-NSB-B-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | ZINC          | 6             | Y           | J-            | J-           |           | 6                   | mg/kg | 224    | mg/kg |
| RY332-NSB-B  | 09FC-RY332-NSB-B-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | CALCIUM       | 500           | Y           | J             | J            |           | 500                 | mg/kg | 1150   | mg/kg |
| RY332-NSB-B  | 09FC-RY332-NSB-B-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | SELENIUM      | 3.5           | N           | UJ            | UJ           | U         | 3.5                 | mg/kg | 3.6    | mg/kg |
| RY332-NSB-D  | 09FC-RY332-NSB-D-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | ALUMINUM      | 20            | Y           | J             | J            |           | 20                  | mg/kg | 6730   | mg/kg |
| RY332-NSB-D  | 09FC-RY332-NSB-D-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | IRON          | 10            | Y           | R             | RJ-          |           | 10                  | mg/kg | 8670   | mg/kg |
| RY332-NSB-D  | 09FC-RY332-NSB-D-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | LEAD          | 1             | Y           | J             | J            |           | 1                   | mg/kg | 258    | mg/kg |
| RY332-NSB-D  | 09FC-RY332-NSB-D-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 3720   | mg/kg |
| RY332-NSB-D  | 09FC-RY332-NSB-D-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | MANGANESE     | 1.5           | Y           | J-            | J-           |           | 1.5                 | mg/kg | 278    | mg/kg |
| RY332-NSB-D  | 09FC-RY332-NSB-D-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | NICKEL        | 4             | Y           | J             | J            |           | 4                   | mg/kg | 6.8    | mg/kg |
| RY332-NSB-D  | 09FC-RY332-NSB-D-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | POTASSIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 1240   | mg/kg |
| RY332-NSB-D  | 09FC-RY332-NSB-D-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | SILVER        | 1             | Y           | J             | J            |           | 1                   | mg/kg | 2.2    | mg/kg |
| RY332-NSB-D  | 09FC-RY332-NSB-D-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | SODIUM        | 500           | Y           | J             |              | J         | 500                 | mg/kg | 66.3   | mg/kg |
| RY332-NSB-D  | 09FC-RY332-NSB-D-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.7    | mg/kg |
| RY332-NSB-D  | 09FC-RY332-NSB-D-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | ANTIMONY      | 6             | Y           | J             | J            |           | 6                   | mg/kg | 18.1   | mg/kg |
| RY332-NSB-D  | 09FC-RY332-NSB-D-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | ARSENIC       | 1             | Y           | J             | J            |           | 1                   | mg/kg | 24     | mg/kg |
| RY332-NSB-D  | 09FC-RY332-NSB-D-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | BARIUM        | 20            | Y           | J             | J            |           | 20                  | mg/kg | 120    | mg/kg |
| RY332-NSB-D  | 09FC-RY332-NSB-D-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | BERYLLIUM     | 0.5           | N           | UJ            | UJ           | U         | 0.5                 | mg/kg | 0.55   | mg/kg |
| RY332-NSB-D  | 09FC-RY332-NSB-D-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | CADMIUM       | 0.5           | Y           | J             | J            |           | 0.5                 | mg/kg | 2.3    | mg/kg |
| RY332-NSB-D  | 09FC-RY332-NSB-D-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | CHROMIUM      | 1             | Y           | J             | J            |           | 1                   | mg/kg | 5.7    | mg/kg |
| RY332-NSB-D  | 09FC-RY332-NSB-D-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | COBALT        | 5             | Y           | UJ            | UJ           | J         | 5                   | mg/kg | 5      | mg/kg |
| RY332-NSB-D  | 09FC-RY332-NSB-D-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | COPPER        | 2.5           | Y           |               |              |           | 2.5                 | mg/kg | 31     | mg/kg |
| RY332-NSB-D  | 09FC-RY332-NSB-D-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | VANADIUM      | 5             | Y           |               |              |           | 5                   | mg/kg | 8.2    | mg/kg |
| RY332-NSB-D  | 09FC-RY332-NSB-D-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | ZINC          | 6             | Y           | J-            | J-           |           | 6                   | mg/kg | 417    | mg/kg |
| RY332-NSB-D  | 09FC-RY332-NSB-D-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | CALCIUM       | 500           | Y           | J             | J            |           | 500                 | mg/kg | 6900   | mg/kg |
| RY332-NSB-D  | 09FC-RY332-NSB-D-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | SELENIUM      | 3.5           | N           | UJ            | UJ           | U         | 3.5                 | mg/kg | 3.8    | mg/kg |
| RY332-NSB-D  | 09FC-RY332-NSB-D-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | ALUMINUM      | 20            | Y           | J             | J            |           | 20                  | mg/kg | 7080   | mg/kg |
| RY332-NSB-D  | 09FC-RY332-NSB-D-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | IRON          | 10            | Y           | R             | RJ-          |           | 10                  | mg/kg | 9260   | mg/kg |
| RY332-NSB-D  | 09FC-RY332-NSB-D-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | LEAD          | 1             | Y           | J             | J            |           | 1                   | mg/kg | 755    | mg/kg |
| RY332-NSB-D  | 09FC-RY332-NSB-D-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 3350   | mg/kg |
| RY332-NSB-D  | 09FC-RY332-NSB-D-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | MANGANESE     | 1.5           | Y           | J-            | J-           |           | 1.5                 | mg/kg | 316    | mg/kg |
| RY332-NSB-D  | 09FC-RY332-NSB-D-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | NICKEL        | 4             | Y           | J             | J            |           | 4                   | mg/kg | 6.3    | mg/kg |
| RY332-NSB-D  | 09FC-RY332-NSB-D-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | POTASSIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 1410   | mg/kg |
| RY332-NSB-D  | 09FC-RY332-NSB-D-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | SILVER        | 1             | Y           | J             | J            |           | 1                   | mg/kg | 3.8    | mg/kg |
| RY332-NSB-D  | 09FC-RY332-NSB-D-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | SODIUM        | 500           | Y           | J             |              | J         | 500                 | mg/kg | 131    | mg/kg |
| RY332-NSB-D  | 09FC-RY332-NSB-D-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY332-NSB-D  | 09FC-RY332-NSB-D-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | ANTIMONY      | 6             | Y           | J             | J            |           | 6                   | mg/kg | 50.1   | mg/kg |
| RY332-NSB-D  | 09FC-RY332-NSB-D-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | ARSENIC       | 1             | Y           | J             | J            |           | 1                   | mg/kg | 57.8   | mg/kg |
| RY332-NSB-D  | 09FC-RY332-NSB-D-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | BARIUM        | 20            | Y           | J             | J            |           | 20                  | mg/kg | 148    | mg/kg |
| RY332-NSB-D  | 09FC-RY332-NSB-D-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | BERYLLIUM     | 0.5           | N           | UJ            | UJ           | U         | 0.5                 | mg/kg | 0.51   | mg/kg |



## Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY332-NSB-D  | 09FC-RY332-NSB-D-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | CADMIUM       | 0.5                 | Y           | J             | J            |           | 0.5                 | mg/kg | 4.7    | mg/kg |
| RY332-NSB-D  | 09FC-RY332-NSB-D-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | CHROMIUM      | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 5.3    | mg/kg |
| RY332-NSB-D  | 09FC-RY332-NSB-D-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | COBALT        | 5                   | Y           | UJ            | UJ           | J         | 5                   | mg/kg | 5      | mg/kg |
| RY332-NSB-D  | 09FC-RY332-NSB-D-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 30.1   | mg/kg |
| RY332-NSB-D  | 09FC-RY332-NSB-D-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 8.2    | mg/kg |
| RY332-NSB-D  | 09FC-RY332-NSB-D-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | ZINC          | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 849    | mg/kg |
| RY332-NSB-D  | 09FC-RY332-NSB-D-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 7240   | mg/kg |
| RY332-NSB-D  | 09FC-RY332-NSB-D-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | SELENIUM      | 3.5                 | N           | UJ            | UJ           | U         | 3.5                 | mg/kg | 3.6    | mg/kg |
| RY332-NSS-A  | 09FC-RY332-NSS-A-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | ALUMINUM      | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 6850   | mg/kg |
| RY332-NSS-A  | 09FC-RY332-NSS-A-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | IRON          | 10                  | Y           | R             | RJ-          |           | 10                  | mg/kg | 9750   | mg/kg |
| RY332-NSS-A  | 09FC-RY332-NSS-A-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 406    | mg/kg |
| RY332-NSS-A  | 09FC-RY332-NSS-A-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 2630   | mg/kg |
| RY332-NSS-A  | 09FC-RY332-NSS-A-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | MANGANESE     | 1.5                 | Y           | J-            | J-           |           | 1.5                 | mg/kg | 239    | mg/kg |
| RY332-NSS-A  | 09FC-RY332-NSS-A-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | NICKEL        | 4                   | Y           | J             | J            |           | 4                   | mg/kg | 5.3    | mg/kg |
| RY332-NSS-A  | 09FC-RY332-NSS-A-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1360   | mg/kg |
| RY332-NSS-A  | 09FC-RY332-NSS-A-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | SILVER        | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 3.6    | mg/kg |
| RY332-NSS-A  | 09FC-RY332-NSS-A-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 45.2   | mg/kg |
| RY555-A      | 10FC-RY555-A-002006     | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | MANGANESE     | 0.94                | Y           |               |              |           | 0.94                | mg/kg | 344    | mg/kg |
| RY555-A      | 10FC-RY555-A-002006     | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | NICKEL        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 6.5    | mg/kg |
| RY555-A      | 10FC-RY555-A-002006     | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | POTASSIUM     | 313                 | Y           | J             | J            |           | 313                 | mg/kg | 894    | mg/kg |
| RY555-A      | 10FC-RY555-A-002006     | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SILVER        | 0.63                | N           | UJ            | UJ           | U         | 0.63                | mg/kg | 0.63   | mg/kg |
| RY555-A      | 10FC-RY555-A-002006     | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SODIUM        | 313                 | Y           | J             |              | J         | 313                 | mg/kg | 114    | mg/kg |
| RY555-A      | 10FC-RY555-A-002006     | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.6                 | N           | U             |              | U         | 1.6                 | mg/kg | 1.6    | mg/kg |
| RY555-A      | 10FC-RY555-A-002006     | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ANTIMONY      | 3.8                 | Y           | J             | J            | J         | 3.8                 | mg/kg | 0.36   | mg/kg |
| RY555-A      | 10FC-RY555-A-002006     | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.63                | Y           |               |              |           | 0.63                | mg/kg | 2.3    | mg/kg |
| RY555-A      | 10FC-RY555-A-002006     | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | BARIUM        | 12.5                | Y           |               |              |           | 12.5                | mg/kg | 93.1   | mg/kg |
| RY555-A      | 10FC-RY555-A-002006     | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.31                | Y           |               |              |           | 0.31                | mg/kg | 0.42   | mg/kg |
| RY555-A      | 10FC-RY555-A-002006     | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.31                | N           | U             |              | U         | 0.31                | mg/kg | 0.31   | mg/kg |
| RY555-A      | 10FC-RY555-A-002006     | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.63                | Y           |               |              |           | 0.63                | mg/kg | 6      | mg/kg |
| RY555-A      | 10FC-RY555-A-002006     | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | COBALT        | 3.1                 | Y           |               |              |           | 3.1                 | mg/kg | 4.9    | mg/kg |
| RY555-A      | 10FC-RY555-A-002006     | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | COPPER        | 1.6                 | Y           |               |              |           | 1.6                 | mg/kg | 7      | mg/kg |
| RY555-A      | 10FC-RY555-A-002006     | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | VANADIUM      | 3.1                 | Y           |               |              |           | 3.1                 | mg/kg | 13.6   | mg/kg |
| RY555-A      | 10FC-RY555-A-002006     | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ZINC          | 3.8                 | Y           |               |              |           | 3.8                 | mg/kg | 22     | mg/kg |
| RY555-A      | 10FC-RY555-A-002006     | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CALCIUM       | 313                 | Y           | J             | J            |           | 313                 | mg/kg | 1040   | mg/kg |
| RY555-A      | 10FC-RY555-A-002006     | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.2                 | Y           | J             | J            | J         | 2.2                 | mg/kg | 1.6    | mg/kg |
| RY555-A      | 10FC-RY555-A-006012     | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ALUMINUM      | 12.3                | Y           |               |              |           | 12.3                | mg/kg | 7420   | mg/kg |
| RY555-A      | 10FC-RY555-A-006012     | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | IRON          | 6.1                 | Y           |               |              |           | 6.1                 | mg/kg | 9240   | mg/kg |
| RY555-A      | 10FC-RY555-A-006012     | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | LEAD          | 0.61                | Y           |               |              |           | 0.61                | mg/kg | 5.1    | mg/kg |
| RY555-A      | 10FC-RY555-A-006012     | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 307                 | Y           |               |              |           | 307                 | mg/kg | 2460   | mg/kg |
| RY555-A      | 10FC-RY555-A-006012     | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | MANGANESE     | 0.92                | Y           |               |              |           | 0.92                | mg/kg | 316    | mg/kg |
| RY555-A      | 10FC-RY555-A-006012     | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | NICKEL        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 5.9    | mg/kg |
| RY555-A      | 10FC-RY555-A-006012     | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | POTASSIUM     | 307                 | Y           | J             | J            |           | 307                 | mg/kg | 837    | mg/kg |
| RY555-A      | 10FC-RY555-A-006012     | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SILVER        | 0.61                | N           | UJ            | UJ           | U         | 0.61                | mg/kg | 0.61   | mg/kg |
| RY555-A      | 10FC-RY555-A-006012     | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SODIUM        | 307                 | Y           | J             |              | J         | 307                 | mg/kg | 105    | mg/kg |
| RY555-A      | 10FC-RY555-A-006012     | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.5                 | N           | U             |              | U         | 1.5                 | mg/kg | 1.5    | mg/kg |
| RY555-A      | 10FC-RY555-A-006012     | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ANTIMONY      | 3.7                 | Y           | J             | J            | J         | 3.7                 | mg/kg | 0.34   | mg/kg |
| RY555-A      | 10FC-RY555-A-006012     | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.61                | Y           |               |              |           | 0.61                | mg/kg | 2.5    | mg/kg |
| RY555-A      | 10FC-RY555-A-006012     | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | BARIUM        | 12.3                | Y           |               |              |           | 12.3                | mg/kg | 87.6   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY555-A      | 10FC-RY555-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.31          | Y           |               |              |           | 0.31          | mg/kg | 0.37   | mg/kg |
| RY555-A      | 10FC-RY555-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.31          | N           | U             |              | U         | 0.31          | mg/kg | 0.31   | mg/kg |
| RY555-A      | 10FC-RY555-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.61          | Y           |               |              |           | 0.61          | mg/kg | 5.5    | mg/kg |
| RY555-A      | 10FC-RY555-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | COBALT        | 3.1           | Y           |               |              |           | 3.1           | mg/kg | 4.1    | mg/kg |
| RY555-A      | 10FC-RY555-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | COPPER        | 1.5           | Y           |               |              |           | 1.5           | mg/kg | 6.5    | mg/kg |
| RY555-A      | 10FC-RY555-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | VANADIUM      | 3.1           | Y           |               |              |           | 3.1           | mg/kg | 12.2   | mg/kg |
| RY555-A      | 10FC-RY555-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ZINC          | 3.7           | Y           |               |              |           | 3.7           | mg/kg | 23.7   | mg/kg |
| RY555-A      | 10FC-RY555-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CALCIUM       | 307           | Y           | J             | J            |           | 307           | mg/kg | 1160   | mg/kg |
| RY555-A      | 10FC-RY555-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.2           | Y           | J             | J            | J         | 2.2           | mg/kg | 1.5    | mg/kg |
| RY556-A      | 10FC-RY556-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ALUMINUM      | 21.6          | Y           |               |              |           | 21.6          | mg/kg | 4910   | mg/kg |
| RY556-A      | 10FC-RY556-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | IRON          | 10.8          | Y           |               |              |           | 10.8          | mg/kg | 7150   | mg/kg |
| RY556-A      | 10FC-RY556-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | LEAD          | 1.1           | Y           |               |              |           | 1.1           | mg/kg | 5.3    | mg/kg |
| RY556-A      | 10FC-RY556-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 540           | Y           |               |              |           | 540           | mg/kg | 2040   | mg/kg |
| RY556-A      | 10FC-RY556-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | MANGANESE     | 1.6           | Y           |               |              |           | 1.6           | mg/kg | 458    | mg/kg |
| RY556-A      | 10FC-RY556-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | NICKEL        | 4.3           | Y           |               |              |           | 4.3           | mg/kg | 4.9    | mg/kg |
| RY556-A      | 10FC-RY556-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | POTASSIUM     | 540           | Y           |               |              |           | 540           | mg/kg | 850    | mg/kg |
| RY556-A      | 10FC-RY556-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SILVER        | 1.1           | N           | U             |              | U         | 1.1           | mg/kg | 1.1    | mg/kg |
| RY556-A      | 10FC-RY556-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SODIUM        | 540           | Y           | J             |              | J         | 540           | mg/kg | 133    | mg/kg |
| RY556-A      | 10FC-RY556-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | THALLIUM      | 2.7           | N           | U             |              | U         | 2.7           | mg/kg | 2.7    | mg/kg |
| RY556-A      | 10FC-RY556-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ANTIMONY      | 6.5           | Y           | J             | J            | J         | 6.5           | mg/kg | 0.39   | mg/kg |
| RY556-A      | 10FC-RY556-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ARSENIC       | 1.1           | Y           |               |              |           | 1.1           | mg/kg | 2.4    | mg/kg |
| RY556-A      | 10FC-RY556-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | BARIUM        | 21.6          | Y           |               |              |           | 21.6          | mg/kg | 99.8   | mg/kg |
| RY556-A      | 10FC-RY556-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.54          | Y           | J             |              | J         | 0.54          | mg/kg | 0.31   | mg/kg |
| RY556-A      | 10FC-RY556-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.54          | N           | U             |              | U         | 0.54          | mg/kg | 0.54   | mg/kg |
| RY556-A      | 10FC-RY556-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CHROMIUM      | 1.1           | Y           | J             | J            |           | 1.1           | mg/kg | 4.1    | mg/kg |
| RY556-A      | 10FC-RY556-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | COBALT        | 5.4           | Y           | J             |              | J         | 5.4           | mg/kg | 3.5    | mg/kg |
| RY556-A      | 10FC-RY556-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | COPPER        | 2.7           | Y           |               |              |           | 2.7           | mg/kg | 6.3    | mg/kg |
| RY556-A      | 10FC-RY556-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | VANADIUM      | 5.4           | Y           |               |              |           | 5.4           | mg/kg | 9.1    | mg/kg |
| RY556-A      | 10FC-RY556-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ZINC          | 6.5           | Y           |               |              |           | 6.5           | mg/kg | 29.4   | mg/kg |
| RY556-A      | 10FC-RY556-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CALCIUM       | 540           | Y           |               |              |           | 540           | mg/kg | 1450   | mg/kg |
| RY556-A      | 10FC-RY556-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SELENIUM      | 3.8           | Y           | J             |              | J         | 3.8           | mg/kg | 1.2    | mg/kg |
| RY556-A      | 10FC-RY556-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ALUMINUM      | 11.4          | Y           |               |              |           | 11.4          | mg/kg | 5590   | mg/kg |
| RY556-A      | 10FC-RY556-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | IRON          | 5.7           | Y           |               |              |           | 5.7           | mg/kg | 8550   | mg/kg |
| RY556-A      | 10FC-RY556-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | LEAD          | 0.57          | Y           |               |              |           | 0.57          | mg/kg | 4.9    | mg/kg |
| RY556-A      | 10FC-RY556-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 285           | Y           |               |              |           | 285           | mg/kg | 2340   | mg/kg |
| RY556-A      | 10FC-RY556-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | MANGANESE     | 0.86          | Y           |               |              |           | 0.86          | mg/kg | 376    | mg/kg |
| RY556-A      | 10FC-RY556-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | NICKEL        | 2.3           | Y           |               |              |           | 2.3           | mg/kg | 5.8    | mg/kg |
| RY556-A      | 10FC-RY556-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | POTASSIUM     | 285           | Y           |               |              |           | 285           | mg/kg | 857    | mg/kg |
| RY556-A      | 10FC-RY556-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SILVER        | 0.57          | N           | U             |              | U         | 0.57          | mg/kg | 0.57   | mg/kg |
| RY556-A      | 10FC-RY556-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SODIUM        | 285           | Y           | J             |              | J         | 285           | mg/kg | 96.8   | mg/kg |
| RY556-A      | 10FC-RY556-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.4           | N           | U             |              | U         | 1.4           | mg/kg | 1.4    | mg/kg |
| RY556-A      | 10FC-RY556-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ANTIMONY      | 3.4           | Y           | J             | J            | J         | 3.4           | mg/kg | 0.42   | mg/kg |
| RY556-A      | 10FC-RY556-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.57          | Y           |               |              |           | 0.57          | mg/kg | 2.5    | mg/kg |
| RY556-A      | 10FC-RY556-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | BARIUM        | 11.4          | Y           |               |              |           | 11.4          | mg/kg | 95.9   | mg/kg |
| RY556-A      | 10FC-RY556-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.29          | Y           |               |              |           | 0.29          | mg/kg | 0.37   | mg/kg |
| RY556-A      | 10FC-RY556-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.29          | N           | U             |              | U         | 0.29          | mg/kg | 0.29   | mg/kg |
| RY556-A      | 10FC-RY556-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.57          | Y           | J             | J            |           | 0.57          | mg/kg | 5      | mg/kg |
| RY556-A      | 10FC-RY556-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | COBALT        | 2.9           | Y           |               |              |           | 2.9           | mg/kg | 4.3    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY556-A      | 10FC-RY556-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | COPPER        | 1.4           | Y           |               |              |           | 1.4           | mg/kg | 6.6    | mg/kg |
| RY556-A      | 10FC-RY556-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | VANADIUM      | 2.9           | Y           |               |              |           | 2.9           | mg/kg | 10.8   | mg/kg |
| RY556-A      | 10FC-RY556-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ZINC          | 3.4           | Y           |               |              |           | 3.4           | mg/kg | 24.1   | mg/kg |
| RY556-A      | 10FC-RY556-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CALCIUM       | 285           | Y           |               |              |           | 285           | mg/kg | 1170   | mg/kg |
| RY556-A      | 10FC-RY556-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.0           | Y           | J             |              | J         | 2.0           | mg/kg | 1.3    | mg/kg |
| RY556-A      | 10FC-RY556-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ALUMINUM      | 12.4          | Y           |               |              |           | 12.4          | mg/kg | 5580   | mg/kg |
| RY556-A      | 10FC-RY556-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | IRON          | 6.2           | Y           |               |              |           | 6.2           | mg/kg | 8130   | mg/kg |
| RY556-A      | 10FC-RY556-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | LEAD          | 0.62          | Y           |               |              |           | 0.62          | mg/kg | 6.6    | mg/kg |
| RY556-A      | 10FC-RY556-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 309           | Y           |               |              |           | 309           | mg/kg | 2340   | mg/kg |
| RY556-A      | 10FC-RY556-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | MANGANESE     | 0.93          | Y           |               |              |           | 0.93          | mg/kg | 347    | mg/kg |
| RY556-A      | 10FC-RY556-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | NICKEL        | 2.5           | Y           |               |              |           | 2.5           | mg/kg | 5.7    | mg/kg |
| RY556-A      | 10FC-RY556-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | POTASSIUM     | 309           | Y           |               |              |           | 309           | mg/kg | 821    | mg/kg |
| RY556-A      | 10FC-RY556-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SILVER        | 0.62          | N           | U             |              | U         | 0.62          | mg/kg | 0.62   | mg/kg |
| RY556-A      | 10FC-RY556-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SODIUM        | 309           | Y           | J             |              | J         | 309           | mg/kg | 129    | mg/kg |
| RY556-A      | 10FC-RY556-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.5           | N           | U             |              | U         | 1.5           | mg/kg | 1.5    | mg/kg |
| RY556-A      | 10FC-RY556-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ANTIMONY      | 3.7           | Y           | J             | J            | J         | 3.7           | mg/kg | 0.38   | mg/kg |
| RY556-A      | 10FC-RY556-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.62          | Y           |               |              |           | 0.62          | mg/kg | 2.3    | mg/kg |
| RY556-A      | 10FC-RY556-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | BARIUM        | 12.4          | Y           |               |              |           | 12.4          | mg/kg | 90.4   | mg/kg |
| RY556-A      | 10FC-RY556-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.31          | Y           |               |              |           | 0.31          | mg/kg | 0.38   | mg/kg |
| RY556-A      | 10FC-RY556-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.31          | Y           | J             |              | J         | 0.31          | mg/kg | 0.01   | mg/kg |
| RY556-A      | 10FC-RY556-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.62          | Y           | J             | J            |           | 0.62          | mg/kg | 4.9    | mg/kg |
| RY556-A      | 10FC-RY556-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | COBALT        | 3.1           | Y           |               |              |           | 3.1           | mg/kg | 4.8    | mg/kg |
| RY556-A      | 10FC-RY556-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | COPPER        | 1.5           | Y           |               |              |           | 1.5           | mg/kg | 6.6    | mg/kg |
| RY556-A      | 10FC-RY556-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | VANADIUM      | 3.1           | Y           |               |              |           | 3.1           | mg/kg | 10.7   | mg/kg |
| RY556-A      | 10FC-RY556-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ZINC          | 3.7           | Y           |               |              |           | 3.7           | mg/kg | 21.3   | mg/kg |
| RY556-A      | 10FC-RY556-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CALCIUM       | 309           | Y           |               |              |           | 309           | mg/kg | 1080   | mg/kg |
| RY556-A      | 10FC-RY556-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.2           | Y           | J             |              | J         | 2.2           | mg/kg | 1.3    | mg/kg |
| RY557-A      | 10FC-RY557-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ALUMINUM      | 13.0          | Y           |               |              |           | 13.0          | mg/kg | 4130   | mg/kg |
| RY557-A      | 10FC-RY557-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | IRON          | 6.5           | Y           |               |              |           | 6.5           | mg/kg | 6620   | mg/kg |
| RY557-A      | 10FC-RY557-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | LEAD          | 0.65          | Y           |               |              |           | 0.65          | mg/kg | 7.1    | mg/kg |
| RY557-A      | 10FC-RY557-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 325           | Y           |               |              |           | 325           | mg/kg | 1860   | mg/kg |
| RY557-A      | 10FC-RY557-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | MANGANESE     | 0.97          | Y           |               |              |           | 0.97          | mg/kg | 243    | mg/kg |
| RY557-A      | 10FC-RY557-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | NICKEL        | 2.6           | Y           |               |              |           | 2.6           | mg/kg | 4.6    | mg/kg |
| RY557-A      | 10FC-RY557-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | POTASSIUM     | 325           | Y           |               |              |           | 325           | mg/kg | 719    | mg/kg |
| RY557-A      | 10FC-RY557-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SILVER        | 0.65          | N           | U             |              | U         | 0.65          | mg/kg | 0.65   | mg/kg |
| RY557-A      | 10FC-RY557-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SODIUM        | 325           | Y           | J             |              | J         | 325           | mg/kg | 136    | mg/kg |
| RY557-A      | 10FC-RY557-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.6           | N           | U             |              | U         | 1.6           | mg/kg | 1.6    | mg/kg |
| RY557-A      | 10FC-RY557-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ANTIMONY      | 3.9           | Y           | J             | J            | J         | 3.9           | mg/kg | 0.32   | mg/kg |
| RY557-A      | 10FC-RY557-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.65          | Y           |               |              |           | 0.65          | mg/kg | 2.6    | mg/kg |
| RY557-A      | 10FC-RY557-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | BARIUM        | 13.0          | Y           |               |              |           | 13.0          | mg/kg | 91.1   | mg/kg |
| RY557-A      | 10FC-RY557-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.32          | Y           | J             |              | J         | 0.32          | mg/kg | 0.28   | mg/kg |
| RY557-A      | 10FC-RY557-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.32          | Y           | J             |              | J         | 0.32          | mg/kg | 0.04   | mg/kg |
| RY557-A      | 10FC-RY557-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.65          | Y           | J             | J            |           | 0.65          | mg/kg | 4.4    | mg/kg |
| RY557-A      | 10FC-RY557-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | COBALT        | 3.2           | Y           |               |              |           | 3.2           | mg/kg | 3.5    | mg/kg |
| RY557-A      | 10FC-RY557-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | COPPER        | 1.6           | Y           |               |              |           | 1.6           | mg/kg | 6.4    | mg/kg |
| RY557-A      | 10FC-RY557-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | VANADIUM      | 3.2           | Y           |               |              |           | 3.2           | mg/kg | 9.7    | mg/kg |
| RY557-A      | 10FC-RY557-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ZINC          | 3.9           | Y           |               |              |           | 3.9           | mg/kg | 33.6   | mg/kg |
| RY557-A      | 10FC-RY557-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CALCIUM       | 325           | Y           |               |              |           | 325           | mg/kg | 2180   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY557-A      | 10FC-RY557-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.3           | Y           | J             |              | J         | 2.3           | mg/kg | 1      | mg/kg |
| RY557-A      | 10FC-RY557-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ALUMINUM      | 13.8          | Y           |               |              |           | 13.8          | mg/kg | 4810   | mg/kg |
| RY557-A      | 10FC-RY557-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | IRON          | 6.9           | Y           |               |              |           | 6.9           | mg/kg | 7820   | mg/kg |
| RY557-A      | 10FC-RY557-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | LEAD          | 0.69          | Y           |               |              |           | 0.69          | mg/kg | 6.8    | mg/kg |
| RY557-A      | 10FC-RY557-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 344           | Y           |               |              |           | 344           | mg/kg | 2060   | mg/kg |
| RY557-A      | 10FC-RY557-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | MANGANESE     | 1.0           | Y           |               |              |           | 1.0           | mg/kg | 288    | mg/kg |
| RY557-A      | 10FC-RY557-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | NICKEL        | 2.8           | Y           |               |              |           | 2.8           | mg/kg | 5.6    | mg/kg |
| RY557-A      | 10FC-RY557-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | POTASSIUM     | 344           | Y           |               |              |           | 344           | mg/kg | 839    | mg/kg |
| RY557-A      | 10FC-RY557-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SILVER        | 0.69          | N           | U             |              | U         | 0.69          | mg/kg | 0.69   | mg/kg |
| RY557-A      | 10FC-RY557-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SODIUM        | 344           | Y           | J             |              | J         | 344           | mg/kg | 193    | mg/kg |
| RY557-A      | 10FC-RY557-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.7           | N           | U             |              | U         | 1.7           | mg/kg | 1.7    | mg/kg |
| RY557-A      | 10FC-RY557-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ANTIMONY      | 4.1           | Y           | J             | J            | J         | 4.1           | mg/kg | 0.48   | mg/kg |
| RY557-A      | 10FC-RY557-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.69          | Y           |               |              |           | 0.69          | mg/kg | 2.6    | mg/kg |
| RY557-A      | 10FC-RY557-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | BARIUM        | 13.8          | Y           |               |              |           | 13.8          | mg/kg | 106    | mg/kg |
| RY557-A      | 10FC-RY557-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.34          | Y           | J             |              | J         | 0.34          | mg/kg | 0.33   | mg/kg |
| RY557-A      | 10FC-RY557-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.34          | Y           | J             |              | J         | 0.34          | mg/kg | 0.04   | mg/kg |
| RY557-A      | 10FC-RY557-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.69          | Y           | J             | J            |           | 0.69          | mg/kg | 5.1    | mg/kg |
| RY557-A      | 10FC-RY557-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | COBALT        | 3.4           | Y           |               |              |           | 3.4           | mg/kg | 4.1    | mg/kg |
| RY557-A      | 10FC-RY557-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | COPPER        | 1.7           | Y           |               |              |           | 1.7           | mg/kg | 7      | mg/kg |
| RY557-A      | 10FC-RY557-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | VANADIUM      | 3.4           | Y           |               |              |           | 3.4           | mg/kg | 10.6   | mg/kg |
| RY557-A      | 10FC-RY557-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ZINC          | 4.1           | Y           |               |              |           | 4.1           | mg/kg | 38.1   | mg/kg |
| RY557-A      | 10FC-RY557-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CALCIUM       | 344           | Y           |               |              |           | 344           | mg/kg | 2210   | mg/kg |
| RY557-A      | 10FC-RY557-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.4           | Y           | J             |              | J         | 2.4           | mg/kg | 1.4    | mg/kg |
| RY557-A      | 10FC-RY557-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ALUMINUM      | 12.8          | Y           |               |              |           | 12.8          | mg/kg | 4810   | mg/kg |
| RY557-A      | 10FC-RY557-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | IRON          | 6.4           | Y           |               |              |           | 6.4           | mg/kg | 6930   | mg/kg |
| RY557-A      | 10FC-RY557-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | LEAD          | 0.64          | Y           |               |              |           | 0.64          | mg/kg | 8.5    | mg/kg |
| RY557-A      | 10FC-RY557-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 320           | Y           |               |              |           | 320           | mg/kg | 1950   | mg/kg |
| RY557-A      | 10FC-RY557-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | MANGANESE     | 0.96          | Y           |               |              |           | 0.96          | mg/kg | 251    | mg/kg |
| RY557-A      | 10FC-RY557-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | NICKEL        | 2.6           | Y           |               |              |           | 2.6           | mg/kg | 4.8    | mg/kg |
| RY557-A      | 10FC-RY557-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | POTASSIUM     | 320           | Y           |               |              |           | 320           | mg/kg | 757    | mg/kg |
| RY557-A      | 10FC-RY557-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SILVER        | 0.64          | N           | U             |              | U         | 0.64          | mg/kg | 0.64   | mg/kg |
| RY557-A      | 10FC-RY557-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SODIUM        | 320           | Y           | J             |              | J         | 320           | mg/kg | 165    | mg/kg |
| RY557-A      | 10FC-RY557-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.6           | N           | U             |              | U         | 1.6           | mg/kg | 1.6    | mg/kg |
| RY557-A      | 10FC-RY557-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ANTIMONY      | 3.8           | Y           | J             | J            | J         | 3.8           | mg/kg | 0.3    | mg/kg |
| RY557-A      | 10FC-RY557-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.64          | Y           |               |              |           | 0.64          | mg/kg | 2.8    | mg/kg |
| RY557-A      | 10FC-RY557-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | BARIUM        | 12.8          | Y           |               |              |           | 12.8          | mg/kg | 91.1   | mg/kg |
| RY557-A      | 10FC-RY557-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.32          | Y           |               |              |           | 0.32          | mg/kg | 0.33   | mg/kg |
| RY557-A      | 10FC-RY557-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.32          | Y           | J             |              | J         | 0.32          | mg/kg | 0.03   | mg/kg |
| RY557-A      | 10FC-RY557-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.64          | Y           | J             | J            |           | 0.64          | mg/kg | 4.5    | mg/kg |
| RY557-A      | 10FC-RY557-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | COBALT        | 3.2           | Y           |               |              |           | 3.2           | mg/kg | 4      | mg/kg |
| RY557-A      | 10FC-RY557-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | COPPER        | 1.6           | Y           |               |              |           | 1.6           | mg/kg | 6.1    | mg/kg |
| RY557-A      | 10FC-RY557-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | VANADIUM      | 3.2           | Y           |               |              |           | 3.2           | mg/kg | 9.8    | mg/kg |
| RY557-A      | 10FC-RY557-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ZINC          | 3.8           | Y           |               |              |           | 3.8           | mg/kg | 31.2   | mg/kg |
| RY557-A      | 10FC-RY557-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CALCIUM       | 320           | Y           |               |              |           | 320           | mg/kg | 1870   | mg/kg |
| RY557-A      | 10FC-RY557-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.2           | Y           | J             |              | J         | 2.2           | mg/kg | 1.1    | mg/kg |
| RY557-B      | 10FC-RY557-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ALUMINUM      | 14.8          | Y           |               |              |           | 14.8          | mg/kg | 5760   | mg/kg |
| RY557-B      | 10FC-RY557-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | IRON          | 7.4           | Y           |               |              |           | 7.4           | mg/kg | 8790   | mg/kg |
| RY557-B      | 10FC-RY557-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | LEAD          | 0.74          | Y           |               |              |           | 0.74          | mg/kg | 9      | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY557-B      | 10FC-RY557-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 370           | Y           |               |              |           | 370                 | mg/kg | 2260   | mg/kg |
| RY386-C      | 10FC-RY386-C-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | COBALT        | 5.1           | Y           |               |              |           | 5.1                 | mg/kg | 5.8    | mg/kg |
| RY386-C      | 10FC-RY386-C-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | COPPER        | 2.5           | Y           |               |              |           | 2.5                 | mg/kg | 29.3   | mg/kg |
| RY386-C      | 10FC-RY386-C-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | VANADIUM      | 5.1           | Y           |               |              |           | 5.1                 | mg/kg | 7.1    | mg/kg |
| RY386-C      | 10FC-RY386-C-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | ZINC          | 6.1           | Y           |               |              |           | 6.1                 | mg/kg | 119    | mg/kg |
| RY386-C      | 10FC-RY386-C-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | CALCIUM       | 5100          | Y           |               |              |           | 5100                | mg/kg | 52300  | mg/kg |
| RY386-C      | 10FC-RY386-C-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | SELENIUM      | 3.6           | Y           | J             |              | J         | 3.6                 | mg/kg | 1.8    | mg/kg |
| RY386-C      | 10FC-RY386-C-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | ALUMINUM      | 19.7          | Y           |               |              |           | 19.7                | mg/kg | 7660   | mg/kg |
| RY386-C      | 10FC-RY386-C-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | IRON          | 9.8           | Y           |               |              |           | 9.8                 | mg/kg | 11800  | mg/kg |
| RY386-C      | 10FC-RY386-C-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | LEAD          | 0.98          | Y           |               |              |           | 0.98                | mg/kg | 127    | mg/kg |
| RY386-C      | 10FC-RY386-C-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | MAGNESIUM     | 492           | Y           | J             |              | J         | 492                 | mg/kg | 3380   | mg/kg |
| RY386-C      | 10FC-RY386-C-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | MANGANESE     | 1.5           | Y           | J             |              | J         | 1.5                 | mg/kg | 265    | mg/kg |
| RY386-C      | 10FC-RY386-C-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | NICKEL        | 3.9           | Y           |               |              |           | 3.9                 | mg/kg | 8.7    | mg/kg |
| RY386-C      | 10FC-RY386-C-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | POTASSIUM     | 492           | Y           | J             |              | J         | 492                 | mg/kg | 1700   | mg/kg |
| RY386-C      | 10FC-RY386-C-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | SILVER        | 0.98          | N           | U             |              | U         | 0.98                | mg/kg | 0.98   | mg/kg |
| RY386-C      | 10FC-RY386-C-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | SODIUM        | 492           | Y           | J             |              | J         | 492                 | mg/kg | 491    | mg/kg |
| RY386-C      | 10FC-RY386-C-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.5    | mg/kg |
| RY386-C      | 10FC-RY386-C-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | ANTIMONY      | 5.9           | Y           | J             |              | J         | 5.9                 | mg/kg | 7.4    | mg/kg |
| RY386-C      | 10FC-RY386-C-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | ARSENIC       | 0.98          | Y           |               |              |           | 0.98                | mg/kg | 25.6   | mg/kg |
| RY386-C      | 10FC-RY386-C-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | BARIUM        | 19.7          | Y           |               |              |           | 19.7                | mg/kg | 76.9   | mg/kg |
| RY386-C      | 10FC-RY386-C-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | BERYLLIUM     | 0.49          | Y           | J             |              | J         | 0.49                | mg/kg | 0.26   | mg/kg |
| RY386-C      | 10FC-RY386-C-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | CADMIUM       | 0.49          | Y           | J             |              | J         | 0.49                | mg/kg | 0.47   | mg/kg |
| RY386-C      | 10FC-RY386-C-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | CHROMIUM      | 0.98          | Y           |               |              |           | 0.98                | mg/kg | 4.2    | mg/kg |
| RY386-C      | 10FC-RY386-C-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | COBALT        | 4.9           | Y           |               |              |           | 4.9                 | mg/kg | 8.5    | mg/kg |
| RY386-C      | 10FC-RY386-C-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | COPPER        | 2.5           | Y           |               |              |           | 2.5                 | mg/kg | 18.1   | mg/kg |
| RY386-C      | 10FC-RY386-C-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | VANADIUM      | 4.9           | Y           |               |              |           | 4.9                 | mg/kg | 8.2    | mg/kg |
| RY386-C      | 10FC-RY386-C-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | ZINC          | 5.9           | Y           |               |              |           | 5.9                 | mg/kg | 116    | mg/kg |
| RY386-C      | 10FC-RY386-C-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | CALCIUM       | 492           | Y           |               |              |           | 492                 | mg/kg | 24200  | mg/kg |
| RY386-C      | 10FC-RY386-C-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | SELENIUM      | 3.4           | Y           | J             |              | J         | 3.4                 | mg/kg | 1.6    | mg/kg |
| RY386-D      | 10FC-RY386-D-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | ALUMINUM      | 20.2          | Y           |               |              |           | 20.2                | mg/kg | 5870   | mg/kg |
| RY386-D      | 10FC-RY386-D-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | ANTIMONY      | 6.1           | Y           | J             |              | J         | 6.1                 | mg/kg | 29.5   | mg/kg |
| RY386-D      | 10FC-RY386-D-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | ARSENIC       | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 78.7   | mg/kg |
| RY386-D      | 10FC-RY386-D-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | BARIUM        | 20.2          | Y           |               |              |           | 20.2                | mg/kg | 82.8   | mg/kg |
| RY386-D      | 10FC-RY386-D-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | BERYLLIUM     | 0.50          | Y           | J             |              | J         | 0.50                | mg/kg | 0.3    | mg/kg |
| RY386-D      | 10FC-RY386-D-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | CADMIUM       | 0.50          | Y           |               |              |           | 0.50                | mg/kg | 2.3    | mg/kg |
| RY386-D      | 10FC-RY386-D-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | IRON          | 10.1          | Y           |               |              |           | 10.1                | mg/kg | 14300  | mg/kg |
| RY386-D      | 10FC-RY386-D-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | LEAD          | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 452    | mg/kg |
| RY386-D      | 10FC-RY386-D-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 504           | Y           | J             |              | J         | 504                 | mg/kg | 4030   | mg/kg |
| RY386-D      | 10FC-RY386-D-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | MANGANESE     | 1.5           | Y           | J             |              | J         | 1.5                 | mg/kg | 370    | mg/kg |
| RY386-D      | 10FC-RY386-D-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | NICKEL        | 4.0           | Y           |               |              |           | 4.0                 | mg/kg | 9.6    | mg/kg |
| RY386-D      | 10FC-RY386-D-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | POTASSIUM     | 504           | Y           | J             |              | J         | 504                 | mg/kg | 1310   | mg/kg |
| RY386-D      | 10FC-RY386-D-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | SILVER        | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 3.7    | mg/kg |
| RY386-D      | 10FC-RY386-D-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | SODIUM        | 504           | Y           |               |              |           | 504                 | mg/kg | 520    | mg/kg |
| RY386-D      | 10FC-RY386-D-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.5    | mg/kg |
| RY386-D      | 10FC-RY386-D-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | CHROMIUM      | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 5.2    | mg/kg |
| RY386-D      | 10FC-RY386-D-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | COBALT        | 5.0           | Y           |               |              |           | 5.0                 | mg/kg | 7.8    | mg/kg |
| RY386-D      | 10FC-RY386-D-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | COPPER        | 2.5           | Y           |               |              |           | 2.5                 | mg/kg | 25.2   | mg/kg |
| RY386-D      | 10FC-RY386-D-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | VANADIUM      | 5.0           | Y           |               |              |           | 5.0                 | mg/kg | 10.2   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY386-D      | 10FC-RY386-D-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | ZINC          | 6.1                 | Y           |               |              |           | 6.1                 | mg/kg | 399    | mg/kg |
| RY386-D      | 10FC-RY386-D-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | CALCIUM       | 5040                | Y           |               |              |           | 5040                | mg/kg | 32900  | mg/kg |
| RY386-D      | 10FC-RY386-D-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 2.1    | mg/kg |
| RY387-A      | 10FC-RY387-A-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | ALUMINUM      | 20.9                | Y           |               |              |           | 20.9                | mg/kg | 8010   | mg/kg |
| RY387-A      | 10FC-RY387-A-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | IRON          | 10.4                | Y           |               |              |           | 10.4                | mg/kg | 11900  | mg/kg |
| RY387-A      | 10FC-RY387-A-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | LEAD          | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 91.6   | mg/kg |
| RY387-A      | 10FC-RY387-A-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | MAGNESIUM     | 522                 | Y           | J             | J            |           | 522                 | mg/kg | 2880   | mg/kg |
| RY387-A      | 10FC-RY387-A-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | MANGANESE     | 1.6                 | Y           | J             | J            |           | 1.6                 | mg/kg | 384    | mg/kg |
| RY387-A      | 10FC-RY387-A-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | NICKEL        | 4.2                 | Y           |               |              |           | 4.2                 | mg/kg | 7.7    | mg/kg |
| RY387-A      | 10FC-RY387-A-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | POTASSIUM     | 522                 | Y           | J             | J            |           | 522                 | mg/kg | 1000   | mg/kg |
| RY387-A      | 10FC-RY387-A-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | SILVER        | 1.0                 | N           | U             |              | U         | 1.0                 | mg/kg | 1      | mg/kg |
| RY387-A      | 10FC-RY387-A-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | SODIUM        | 522                 | Y           | J             |              | J         | 522                 | mg/kg | 287    | mg/kg |
| RY387-A      | 10FC-RY387-A-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | THALLIUM      | 2.6                 | N           | U             |              | U         | 2.6                 | mg/kg | 2.6    | mg/kg |
| RY387-A      | 10FC-RY387-A-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | ANTIMONY      | 6.3                 | Y           | J             | J            | J         | 6.3                 | mg/kg | 4.2    | mg/kg |
| RY387-A      | 10FC-RY387-A-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | ARSENIC       | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 11.1   | mg/kg |
| RY387-A      | 10FC-RY387-A-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | BARIUM        | 20.9                | Y           |               |              |           | 20.9                | mg/kg | 128    | mg/kg |
| RY387-A      | 10FC-RY387-A-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | BERYLLIUM     | 0.52                | Y           | J             |              | J         | 0.52                | mg/kg | 0.36   | mg/kg |
| RY387-A      | 10FC-RY387-A-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | CADMIUM       | 0.52                | Y           |               |              |           | 0.52                | mg/kg | 0.67   | mg/kg |
| RY387-A      | 10FC-RY387-A-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | CHROMIUM      | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 9.6    | mg/kg |
| RY387-A      | 10FC-RY387-A-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | COBALT        | 5.2                 | Y           |               |              |           | 5.2                 | mg/kg | 5.5    | mg/kg |
| RY387-A      | 10FC-RY387-A-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | COPPER        | 2.6                 | Y           |               |              |           | 2.6                 | mg/kg | 17.8   | mg/kg |
| RY387-A      | 10FC-RY387-A-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | VANADIUM      | 5.2                 | Y           |               |              |           | 5.2                 | mg/kg | 13.8   | mg/kg |
| RY387-A      | 10FC-RY387-A-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | ZINC          | 6.3                 | Y           |               |              |           | 6.3                 | mg/kg | 166    | mg/kg |
| RY387-A      | 10FC-RY387-A-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | CALCIUM       | 522                 | Y           |               |              |           | 522                 | mg/kg | 4080   | mg/kg |
| RY387-A      | 10FC-RY387-A-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | SELENIUM      | 3.7                 | Y           | J             |              | J         | 3.7                 | mg/kg | 1.8    | mg/kg |
| RY387-D      | 10FC-RY387-D-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | ALUMINUM      | 20.9                | Y           |               |              |           | 20.9                | mg/kg | 9880   | mg/kg |
| RY387-D      | 10FC-RY387-D-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | ANTIMONY      | 6.3                 | Y           | J             | J            |           | 6.3                 | mg/kg | 510    | mg/kg |
| RY387-D      | 10FC-RY387-D-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | ARSENIC       | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 592    | mg/kg |
| RY387-D      | 10FC-RY387-D-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | BARIUM        | 20.9                | Y           |               |              |           | 20.9                | mg/kg | 338    | mg/kg |
| RY387-D      | 10FC-RY387-D-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | BERYLLIUM     | 0.52                | Y           |               |              |           | 0.52                | mg/kg | 0.73   | mg/kg |
| RY387-D      | 10FC-RY387-D-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | CADMIUM       | 0.52                | Y           |               |              |           | 0.52                | mg/kg | 38.2   | mg/kg |
| RY387-D      | 10FC-RY387-D-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | CHROMIUM      | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 5.2    | mg/kg |
| RY387-D      | 10FC-RY387-D-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | COBALT        | 5.2                 | Y           | J             |              | J         | 5.2                 | mg/kg | 5.2    | mg/kg |
| RY387-D      | 10FC-RY387-D-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | COPPER        | 2.6                 | Y           |               |              |           | 2.6                 | mg/kg | 54.3   | mg/kg |
| RY387-D      | 10FC-RY387-D-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | CALCIUM       | 523                 | Y           |               |              |           | 523                 | mg/kg | 16800  | mg/kg |
| RY387-D      | 10FC-RY387-D-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | IRON          | 209                 | Y           |               |              |           | 209                 | mg/kg | 48500  | mg/kg |
| RY387-D      | 10FC-RY387-D-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | LEAD          | 20.9                | Y           |               |              |           | 20.9                | mg/kg | 5990   | mg/kg |
| RY387-D      | 10FC-RY387-D-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 523                 | Y           | J             | J            |           | 523                 | mg/kg | 2350   | mg/kg |
| RY387-D      | 10FC-RY387-D-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | MANGANESE     | 1.6                 | Y           | J             | J            |           | 1.6                 | mg/kg | 1970   | mg/kg |
| RY387-D      | 10FC-RY387-D-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | NICKEL        | 4.2                 | Y           |               |              |           | 4.2                 | mg/kg | 7.3    | mg/kg |
| RY387-D      | 10FC-RY387-D-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | POTASSIUM     | 523                 | Y           | J             | J            |           | 523                 | mg/kg | 881    | mg/kg |
| RY387-D      | 10FC-RY387-D-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | SILVER        | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 47.8   | mg/kg |
| RY387-D      | 10FC-RY387-D-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | SODIUM        | 523                 | Y           | J             |              | J         | 523                 | mg/kg | 437    | mg/kg |
| RY387-D      | 10FC-RY387-D-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | THALLIUM      | 2.6                 | N           | U             |              | U         | 2.6                 | mg/kg | 2.6    | mg/kg |
| RY387-D      | 10FC-RY387-D-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | VANADIUM      | 5.2                 | Y           |               |              |           | 5.2                 | mg/kg | 14.2   | mg/kg |
| RY387-D      | 10FC-RY387-D-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | ZINC          | 126                 | Y           |               |              |           | 126                 | mg/kg | 6570   | mg/kg |
| RY387-D      | 10FC-RY387-D-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | SELENIUM      | 3.7                 | N           | U             |              | U         | 3.7                 | mg/kg | 3.7    | mg/kg |
| RY387-D      | 10FC-RY387-D-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | ALUMINUM      | 23.4                | Y           |               |              |           | 23.4                | mg/kg | 8800   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY387-D      | 10FC-RY387-D-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | ANTIMONY      | 7.0           | Y           | J             | J            |           | 7.0           | mg/kg | 26.1   | mg/kg |
| RY387-D      | 10FC-RY387-D-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | ARSENIC       | 1.2           | Y           |               |              |           | 1.2           | mg/kg | 33.3   | mg/kg |
| RY387-D      | 10FC-RY387-D-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | BARIUM        | 23.4          | Y           |               |              |           | 23.4          | mg/kg | 349    | mg/kg |
| RY387-D      | 10FC-RY387-D-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | IRON          | 11.7          | Y           |               |              |           | 11.7          | mg/kg | 22700  | mg/kg |
| RY387-D      | 10FC-RY387-D-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | LEAD          | 1.2           | Y           |               |              |           | 1.2           | mg/kg | 440    | mg/kg |
| RY387-D      | 10FC-RY387-D-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 586           | Y           | J             | J            |           | 586           | mg/kg | 2600   | mg/kg |
| RY387-D      | 10FC-RY387-D-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | MANGANESE     | 1.8           | Y           | J             | J            |           | 1.8           | mg/kg | 440    | mg/kg |
| RY387-D      | 10FC-RY387-D-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | NICKEL        | 4.7           | Y           |               |              |           | 4.7           | mg/kg | 6.4    | mg/kg |
| RY387-D      | 10FC-RY387-D-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | POTASSIUM     | 586           | Y           | J             | J            |           | 586           | mg/kg | 769    | mg/kg |
| RY387-D      | 10FC-RY387-D-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | SILVER        | 1.2           | Y           |               |              |           | 1.2           | mg/kg | 1.4    | mg/kg |
| RY387-D      | 10FC-RY387-D-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | SODIUM        | 586           | Y           | J             |              | J         | 586           | mg/kg | 387    | mg/kg |
| RY387-D      | 10FC-RY387-D-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | THALLIUM      | 2.9           | N           | U             |              | U         | 2.9           | mg/kg | 2.9    | mg/kg |
| RY387-D      | 10FC-RY387-D-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | BERYLLIUM     | 0.59          | Y           |               |              |           | 0.59          | mg/kg | 0.84   | mg/kg |
| RY387-D      | 10FC-RY387-D-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | CADMIUM       | 0.59          | Y           |               |              |           | 0.59          | mg/kg | 8.7    | mg/kg |
| RY387-D      | 10FC-RY387-D-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | CHROMIUM      | 1.2           | Y           |               |              |           | 1.2           | mg/kg | 5.2    | mg/kg |
| RY387-D      | 10FC-RY387-D-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | COBALT        | 5.9           | Y           | J             |              | J         | 5.9           | mg/kg | 4.5    | mg/kg |
| RY387-D      | 10FC-RY387-D-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | COPPER        | 2.9           | Y           |               |              |           | 2.9           | mg/kg | 22.1   | mg/kg |
| RY387-D      | 10FC-RY387-D-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | VANADIUM      | 5.9           | Y           |               |              |           | 5.9           | mg/kg | 13.6   | mg/kg |
| RY387-D      | 10FC-RY387-D-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | ZINC          | 7.0           | Y           |               |              |           | 7.0           | mg/kg | 1670   | mg/kg |
| RY387-D      | 10FC-RY387-D-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | CALCIUM       | 586           | Y           |               |              |           | 586           | mg/kg | 34400  | mg/kg |
| RY387-D      | 10FC-RY387-D-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | SELENIUM      | 4.1           | Y           | J             |              | J         | 4.1           | mg/kg | 0.91   | mg/kg |
| RY387-D      | 10FC-RY387-D-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | ALUMINUM      | 22.3          | Y           |               |              |           | 22.3          | mg/kg | 8940   | mg/kg |
| RY387-D      | 10FC-RY387-D-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | ANTIMONY      | 6.7           | Y           | J             | J            |           | 6.7           | mg/kg | 36.8   | mg/kg |
| RY387-D      | 10FC-RY387-D-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | ARSENIC       | 1.1           | Y           |               |              |           | 1.1           | mg/kg | 65.7   | mg/kg |
| RY387-D      | 10FC-RY387-D-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | BARIUM        | 22.3          | Y           |               |              |           | 22.3          | mg/kg | 492    | mg/kg |
| RY387-D      | 10FC-RY387-D-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | IRON          | 11.2          | Y           |               |              |           | 11.2          | mg/kg | 18800  | mg/kg |
| RY387-D      | 10FC-RY387-D-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | LEAD          | 1.1           | Y           |               |              |           | 1.1           | mg/kg | 516    | mg/kg |
| RY387-D      | 10FC-RY387-D-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 558           | Y           | J             | J            |           | 558           | mg/kg | 2890   | mg/kg |
| RY387-D      | 10FC-RY387-D-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | MANGANESE     | 1.7           | Y           | J             | J            |           | 1.7           | mg/kg | 914    | mg/kg |
| RY387-D      | 10FC-RY387-D-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | NICKEL        | 4.5           | Y           |               |              |           | 4.5           | mg/kg | 5.7    | mg/kg |
| RY387-D      | 10FC-RY387-D-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | POTASSIUM     | 558           | Y           | J             | J            |           | 558           | mg/kg | 694    | mg/kg |
| RY387-D      | 10FC-RY387-D-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SILVER        | 1.1           | Y           |               |              |           | 1.1           | mg/kg | 2.3    | mg/kg |
| RY387-D      | 10FC-RY387-D-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SODIUM        | 558           | Y           | J             |              | J         | 558           | mg/kg | 403    | mg/kg |
| RY387-D      | 10FC-RY387-D-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | THALLIUM      | 2.8           | N           | U             |              | U         | 2.8           | mg/kg | 2.8    | mg/kg |
| RY387-D      | 10FC-RY387-D-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | BERYLLIUM     | 0.56          | Y           |               |              |           | 0.56          | mg/kg | 0.69   | mg/kg |
| RY387-D      | 10FC-RY387-D-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CADMIUM       | 0.56          | Y           |               |              |           | 0.56          | mg/kg | 7.8    | mg/kg |
| RY387-D      | 10FC-RY387-D-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CHROMIUM      | 1.1           | Y           |               |              |           | 1.1           | mg/kg | 5.5    | mg/kg |
| RY387-D      | 10FC-RY387-D-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | COBALT        | 5.6           | Y           | J             |              | J         | 5.6           | mg/kg | 3.7    | mg/kg |
| RY387-D      | 10FC-RY387-D-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | COPPER        | 2.8           | Y           |               |              |           | 2.8           | mg/kg | 21.3   | mg/kg |
| RY387-D      | 10FC-RY387-D-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | VANADIUM      | 5.6           | Y           |               |              |           | 5.6           | mg/kg | 12     | mg/kg |
| RY387-D      | 10FC-RY387-D-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | ZINC          | 6.7           | Y           |               |              |           | 6.7           | mg/kg | 1380   | mg/kg |
| RY387-D      | 10FC-RY387-D-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CALCIUM       | 558           | Y           |               |              |           | 558           | mg/kg | 29700  | mg/kg |
| RY387-D      | 10FC-RY387-D-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SELENIUM      | 3.9           | N           | U             |              | U         | 3.9           | mg/kg | 3.9    | mg/kg |
| RY387-E      | 10FC-RY387-E-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/3/2010     | ALUMINUM      | 21.2          | Y           |               |              |           | 21.2          | mg/kg | 11500  | mg/kg |
| RY387-E      | 10FC-RY387-E-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/3/2010     | ANTIMONY      | 6.3           | Y           | J             | J            |           | 6.3           | mg/kg | 10.8   | mg/kg |
| RY387-E      | 10FC-RY387-E-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/3/2010     | ARSENIC       | 1.1           | Y           |               |              |           | 1.1           | mg/kg | 19.5   | mg/kg |
| RY387-E      | 10FC-RY387-E-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/3/2010     | BARIUM        | 21.2          | Y           |               |              |           | 21.2          | mg/kg | 310    | mg/kg |
| RY387-E      | 10FC-RY387-E-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | IRON          | 10.6          | Y           |               |              |           | 10.6          | mg/kg | 12400  | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY387-E      | 10FC-RY387-E-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | LEAD          | 1.1                 | Y           |               |              |           | 1.1                 | mg/kg | 366    | mg/kg |
| RY387-E      | 10FC-RY387-E-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 529                 | Y           | J             | J            |           | 529                 | mg/kg | 3230   | mg/kg |
| RY387-E      | 10FC-RY387-E-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | MANGANESE     | 1.6                 | Y           | J             | J            |           | 1.6                 | mg/kg | 478    | mg/kg |
| RY387-E      | 10FC-RY387-E-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | NICKEL        | 4.2                 | Y           |               |              |           | 4.2                 | mg/kg | 8.4    | mg/kg |
| RY387-E      | 10FC-RY387-E-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | POTASSIUM     | 529                 | Y           | J             | J            |           | 529                 | mg/kg | 1930   | mg/kg |
| RY387-E      | 10FC-RY387-E-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | SILVER        | 1.1                 | Y           | J             |              | J         | 1.1                 | mg/kg | 0.75   | mg/kg |
| RY387-E      | 10FC-RY387-E-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | SODIUM        | 529                 | Y           | J             |              | J         | 529                 | mg/kg | 363    | mg/kg |
| RY387-E      | 10FC-RY387-E-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | THALLIUM      | 2.6                 | N           | U             |              | U         | 2.6                 | mg/kg | 2.6    | mg/kg |
| RY387-E      | 10FC-RY387-E-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | BERYLLIUM     | 0.53                | Y           | J             |              | J         | 0.53                | mg/kg | 0.51   | mg/kg |
| RY387-E      | 10FC-RY387-E-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | CADMIUM       | 0.53                | Y           |               |              |           | 0.53                | mg/kg | 3.8    | mg/kg |
| RY387-E      | 10FC-RY387-E-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | CHROMIUM      | 1.1                 | Y           |               |              |           | 1.1                 | mg/kg | 10     | mg/kg |
| RY387-E      | 10FC-RY387-E-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | COBALT        | 5.3                 | Y           |               |              |           | 5.3                 | mg/kg | 5.5    | mg/kg |
| RY387-E      | 10FC-RY387-E-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | COPPER        | 2.6                 | Y           |               |              |           | 2.6                 | mg/kg | 25.6   | mg/kg |
| RY387-E      | 10FC-RY387-E-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | VANADIUM      | 5.3                 | Y           |               |              |           | 5.3                 | mg/kg | 16.9   | mg/kg |
| RY387-E      | 10FC-RY387-E-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | ZINC          | 6.3                 | Y           |               |              |           | 6.3                 | mg/kg | 724    | mg/kg |
| RY387-E      | 10FC-RY387-E-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | CALCIUM       | 529                 | Y           |               |              |           | 529                 | mg/kg | 6610   | mg/kg |
| RY387-E      | 10FC-RY387-E-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | SELENIUM      | 3.7                 | N           | U             |              | U         | 3.7                 | mg/kg | 3.7    | mg/kg |
| RY387-E      | 10FC-RY387-E-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/3/2010     | ALUMINUM      | 21.3                | Y           |               |              |           | 21.3                | mg/kg | 10500  | mg/kg |
| RY387-E      | 10FC-RY387-E-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/3/2010     | ANTIMONY      | 6.4                 | Y           | J             | J            |           | 6.4                 | mg/kg | 9.5    | mg/kg |
| RY387-E      | 10FC-RY387-E-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/3/2010     | ARSENIC       | 1.1                 | Y           |               |              |           | 1.1                 | mg/kg | 21.8   | mg/kg |
| RY387-E      | 10FC-RY387-E-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/3/2010     | BARIUM        | 21.3                | Y           |               |              |           | 21.3                | mg/kg | 232    | mg/kg |
| RY387-E      | 10FC-RY387-E-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | IRON          | 10.6                | Y           |               |              |           | 10.6                | mg/kg | 12700  | mg/kg |
| RY387-E      | 10FC-RY387-E-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | LEAD          | 1.1                 | Y           |               |              |           | 1.1                 | mg/kg | 280    | mg/kg |
| RY387-E      | 10FC-RY387-E-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 532                 | Y           | J             | J            |           | 532                 | mg/kg | 3190   | mg/kg |
| RY387-E      | 10FC-RY387-E-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | MANGANESE     | 1.6                 | Y           | J             | J            |           | 1.6                 | mg/kg | 478    | mg/kg |
| RY387-E      | 10FC-RY387-E-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | NICKEL        | 4.3                 | Y           |               |              |           | 4.3                 | mg/kg | 8.3    | mg/kg |
| RY387-E      | 10FC-RY387-E-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | POTASSIUM     | 532                 | Y           | J             | J            |           | 532                 | mg/kg | 1880   | mg/kg |
| RY387-E      | 10FC-RY387-E-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | SILVER        | 1.1                 | Y           | J             |              | J         | 1.1                 | mg/kg | 0.37   | mg/kg |
| RY387-E      | 10FC-RY387-E-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | SODIUM        | 532                 | Y           | J             |              | J         | 532                 | mg/kg | 329    | mg/kg |
| RY387-E      | 10FC-RY387-E-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | THALLIUM      | 2.7                 | N           | U             |              | U         | 2.7                 | mg/kg | 2.7    | mg/kg |
| RY387-E      | 10FC-RY387-E-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | BERYLLIUM     | 0.53                | Y           | J             |              | J         | 0.53                | mg/kg | 0.49   | mg/kg |
| RY387-E      | 10FC-RY387-E-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | CADMIUM       | 0.53                | Y           |               |              |           | 0.53                | mg/kg | 3.6    | mg/kg |
| RY387-E      | 10FC-RY387-E-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | CHROMIUM      | 1.1                 | Y           |               |              |           | 1.1                 | mg/kg | 9.2    | mg/kg |
| RY487-F      | 10FC-RY487-F-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | ALUMINUM      | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 8790   | mg/kg |
| RY487-F      | 10FC-RY487-F-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | IRON          | 10.0                | Y           |               |              |           | 10.0                | mg/kg | 12000  | mg/kg |
| RY487-F      | 10FC-RY487-F-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | LEAD          | 1.0                 | Y           | J+            | J+           |           | 1.0                 | mg/kg | 6.2    | mg/kg |
| RY487-F      | 10FC-RY487-F-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 7870   | mg/kg |
| RY487-F      | 10FC-RY487-F-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | MANGANESE     | 1.5                 | Y           | J-            | J-           |           | 1.5                 | mg/kg | 299    | mg/kg |
| RY487-F      | 10FC-RY487-F-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | NICKEL        | 4.0                 | Y           | J             | J            |           | 4.0                 | mg/kg | 9.1    | mg/kg |
| RY487-F      | 10FC-RY487-F-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1590   | mg/kg |
| RY487-F      | 10FC-RY487-F-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | SILVER        | 1.0                 | Y           | J             |              | J         | 1.0                 | mg/kg | 0.35   | mg/kg |
| RY487-F      | 10FC-RY487-F-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 71.4   | mg/kg |
| RY487-F      | 10FC-RY487-F-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.8    | mg/kg |
| RY487-F      | 10FC-RY487-F-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | ANTIMONY      | 6.0                 | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 6.6    | mg/kg |
| RY487-F      | 10FC-RY487-F-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | ARSENIC       | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 4.4    | mg/kg |
| RY487-F      | 10FC-RY487-F-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | BARIUM        | 20.0                | Y           | J             | J            |           | 20.0                | mg/kg | 125    | mg/kg |
| RY487-F      | 10FC-RY487-F-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | BERYLLIUM     | 0.50                | Y           | J             |              | J         | 0.50                | mg/kg | 0.35   | mg/kg |
| RY487-F      | 10FC-RY487-F-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | CADMIUM       | 0.50                | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |



Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY487-F      | 10FC-RY487-F-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | CHROMIUM      | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 8      | mg/kg |
| RY487-F      | 10FC-RY487-F-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | COBALT        | 5.0                 | Y           | J             | J            | J         | 5.0                 | mg/kg | 4.7    | mg/kg |
| RY487-F      | 10FC-RY487-F-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 13.9   | mg/kg |
| RY487-F      | 10FC-RY487-F-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | VANADIUM      | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 9.9    | mg/kg |
| RY487-F      | 10FC-RY487-F-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 25.6   | mg/kg |
| RY487-F      | 10FC-RY487-F-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 19100  | mg/kg |
| RY487-F      | 10FC-RY487-F-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | SELENIUM      | 3.5                 | Y           | U             | 3.5U         | J         | 3.5                 | mg/kg | 3.5    | mg/kg |
| RY487-F      | 10FC-RY487-F-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | ALUMINUM      | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 8760   | mg/kg |
| RY487-F      | 10FC-RY487-F-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | IRON          | 10.0                | Y           |               |              |           | 10.0                | mg/kg | 15200  | mg/kg |
| RY487-F      | 10FC-RY487-F-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | LEAD          | 1.0                 | Y           | J+            | J+           |           | 1.0                 | mg/kg | 6.3    | mg/kg |
| RY487-F      | 10FC-RY487-F-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 9430   | mg/kg |
| RY487-F      | 10FC-RY487-F-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | MANGANESE     | 1.5                 | Y           | J-            | J-           |           | 1.5                 | mg/kg | 318    | mg/kg |
| RY487-F      | 10FC-RY487-F-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | NICKEL        | 4.0                 | Y           | J             | J            |           | 4.0                 | mg/kg | 11.4   | mg/kg |
| RY487-F      | 10FC-RY487-F-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1680   | mg/kg |
| RY487-F      | 10FC-RY487-F-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | SILVER        | 1.0                 | Y           | J             |              | J         | 1.0                 | mg/kg | 0.47   | mg/kg |
| RY487-F      | 10FC-RY487-F-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 96.9   | mg/kg |
| RY487-F      | 10FC-RY487-F-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.8    | mg/kg |
| RY487-F      | 10FC-RY487-F-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | ANTIMONY      | 6.0                 | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 6.8    | mg/kg |
| RY487-F      | 10FC-RY487-F-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | ARSENIC       | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 10.7   | mg/kg |
| RY487-F      | 10FC-RY487-F-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | BARIUM        | 20.0                | Y           | J             | J            |           | 20.0                | mg/kg | 110    | mg/kg |
| RY487-F      | 10FC-RY487-F-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | BERYLLIUM     | 0.50                | Y           | J             |              | J         | 0.50                | mg/kg | 0.31   | mg/kg |
| RY487-F      | 10FC-RY487-F-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | CADMIUM       | 0.50                | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY487-F      | 10FC-RY487-F-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | CHROMIUM      | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 7.1    | mg/kg |
| RY487-F      | 10FC-RY487-F-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | COBALT        | 5.0                 | Y           | J             | J            |           | 5.0                 | mg/kg | 7      | mg/kg |
| RY487-F      | 10FC-RY487-F-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 18.4   | mg/kg |
| RY487-F      | 10FC-RY487-F-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | VANADIUM      | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 9.8    | mg/kg |
| RY487-F      | 10FC-RY487-F-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 23.7   | mg/kg |
| RY487-F      | 10FC-RY487-F-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 31800  | mg/kg |
| RY487-F      | 10FC-RY487-F-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | SELENIUM      | 3.5                 | Y           | U             | 3.5U         | J         | 3.5                 | mg/kg | 3.5    | mg/kg |
| RY487-F      | 10FC-RY487-F-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | ALUMINUM      | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 7110   | mg/kg |
| RY487-F      | 10FC-RY487-F-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | IRON          | 10.0                | Y           |               |              |           | 10.0                | mg/kg | 13100  | mg/kg |
| RY487-F      | 10FC-RY487-F-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | LEAD          | 1.0                 | Y           | J+            | J+           |           | 1.0                 | mg/kg | 5.9    | mg/kg |
| RY487-F      | 10FC-RY487-F-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 7990   | mg/kg |
| RY487-F      | 10FC-RY487-F-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | MANGANESE     | 1.5                 | Y           | J-            | J-           |           | 1.5                 | mg/kg | 346    | mg/kg |
| RY487-F      | 10FC-RY487-F-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | NICKEL        | 4.0                 | Y           | J             | J            |           | 4.0                 | mg/kg | 10     | mg/kg |
| RY487-F      | 10FC-RY487-F-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1340   | mg/kg |
| RY487-F      | 10FC-RY487-F-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | SILVER        | 1.0                 | Y           | J             |              | J         | 1.0                 | mg/kg | 0.38   | mg/kg |
| RY487-F      | 10FC-RY487-F-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 106    | mg/kg |
| RY487-F      | 10FC-RY487-F-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.8    | mg/kg |
| RY487-F      | 10FC-RY487-F-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | ANTIMONY      | 6.0                 | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 6.8    | mg/kg |
| RY487-F      | 10FC-RY487-F-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | ARSENIC       | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 11     | mg/kg |
| RY487-F      | 10FC-RY487-F-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | BARIUM        | 20.0                | Y           | J             | J            |           | 20.0                | mg/kg | 112    | mg/kg |
| RY487-F      | 10FC-RY487-F-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | BERYLLIUM     | 0.50                | Y           | J             |              | J         | 0.50                | mg/kg | 0.25   | mg/kg |
| RY487-F      | 10FC-RY487-F-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | CADMIUM       | 0.50                | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY487-F      | 10FC-RY487-F-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | CHROMIUM      | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 5.6    | mg/kg |
| RY487-F      | 10FC-RY487-F-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | COBALT        | 5.0                 | Y           | J             | J            |           | 5.0                 | mg/kg | 5.9    | mg/kg |
| RY487-F      | 10FC-RY487-F-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 19.5   | mg/kg |
| RY487-F      | 10FC-RY487-F-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | VANADIUM      | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 8.3    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY487-F      | 10FC-RY487-F-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | ZINC          | 6.0           | Y           |               |              |           | 6.0                 | mg/kg | 19.7   | mg/kg |
| RY487-F      | 10FC-RY487-F-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | CALCIUM       | 500           | Y           |               |              |           | 500                 | mg/kg | 32700  | mg/kg |
| RY487-F      | 10FC-RY487-F-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | SELENIUM      | 3.5           | Y           | U             | 3.5U         | J         | 3.5                 | mg/kg | 3.5    | mg/kg |
| RY489-A      | 10FC-RY489-A-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | ALUMINUM      | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 9250   | mg/kg |
| RY489-A      | 10FC-RY489-A-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | IRON          | 10.0          | Y           |               |              |           | 10.0                | mg/kg | 9500   | mg/kg |
| RY489-A      | 10FC-RY489-A-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | LEAD          | 1.0           | Y           | J+            | J+           |           | 1.0                 | mg/kg | 6.9    | mg/kg |
| RY489-A      | 10FC-RY489-A-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | MAGNESIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 2470   | mg/kg |
| RY489-A      | 10FC-RY489-A-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | MANGANESE     | 1.5           | Y           | J-            | J-           |           | 1.5                 | mg/kg | 447    | mg/kg |
| RY489-A      | 10FC-RY489-A-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | NICKEL        | 4.0           | Y           | J             | J            |           | 4.0                 | mg/kg | 5.8    | mg/kg |
| RY489-A      | 10FC-RY489-A-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | POTASSIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 1470   | mg/kg |
| RY489-A      | 10FC-RY489-A-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | SILVER        | 1.0           | Y           | J             |              | J         | 1.0                 | mg/kg | 0.33   | mg/kg |
| RY489-A      | 10FC-RY489-A-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | SODIUM        | 500           | Y           | J             |              | J         | 500                 | mg/kg | 101    | mg/kg |
| RY489-A      | 10FC-RY489-A-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.9    | mg/kg |
| RY489-A      | 10FC-RY489-A-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | ANTIMONY      | 6.0           | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 6.9    | mg/kg |
| RY489-A      | 10FC-RY489-A-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | ARSENIC       | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 2.9    | mg/kg |
| RY489-A      | 10FC-RY489-A-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | BARIUM        | 20.0          | Y           | J             | J            |           | 20.0                | mg/kg | 193    | mg/kg |
| RY489-A      | 10FC-RY489-A-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | BERYLLIUM     | 0.50          | Y           | J             |              | J         | 0.50                | mg/kg | 0.16   | mg/kg |
| RY489-A      | 10FC-RY489-A-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | CADMIUM       | 0.50          | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY489-A      | 10FC-RY489-A-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | CHROMIUM      | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 6.5    | mg/kg |
| RY489-A      | 10FC-RY489-A-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | COBALT        | 5.0           | Y           | J             | J            | J         | 5.0                 | mg/kg | 4      | mg/kg |
| RY489-A      | 10FC-RY489-A-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | COPPER        | 2.5           | Y           |               |              |           | 2.5                 | mg/kg | 8.1    | mg/kg |
| RY489-A      | 10FC-RY489-A-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | VANADIUM      | 5.0           | Y           |               |              |           | 5.0                 | mg/kg | 11.2   | mg/kg |
| RY489-A      | 10FC-RY489-A-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | ZINC          | 6.0           | Y           |               |              |           | 6.0                 | mg/kg | 34.4   | mg/kg |
| RY489-A      | 10FC-RY489-A-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | CALCIUM       | 500           | Y           |               |              |           | 500                 | mg/kg | 1820   | mg/kg |
| RY489-A      | 10FC-RY489-A-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | SELENIUM      | 3.5           | Y           | U             | 3.5U         | J         | 3.5                 | mg/kg | 3.5    | mg/kg |
| RY489-A      | 10FC-RY489-A-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | ALUMINUM      | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 9970   | mg/kg |
| RY489-A      | 10FC-RY489-A-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | IRON          | 10.0          | Y           |               |              |           | 10.0                | mg/kg | 9910   | mg/kg |
| RY489-A      | 10FC-RY489-A-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | LEAD          | 1.0           | Y           | J+            | J+           |           | 1.0                 | mg/kg | 6.5    | mg/kg |
| RY489-A      | 10FC-RY489-A-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | MAGNESIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 2470   | mg/kg |
| RY489-A      | 10FC-RY489-A-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | ANTIMONY      | 6.0           | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 6.9    | mg/kg |
| RY489-A      | 10FC-RY489-A-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | ARSENIC       | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 2.5    | mg/kg |
| RY489-A      | 10FC-RY489-A-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | BARIUM        | 20.0          | Y           | J             | J            |           | 20.0                | mg/kg | 255    | mg/kg |
| RY489-A      | 10FC-RY489-A-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | BERYLLIUM     | 0.50          | Y           | J             |              | J         | 0.50                | mg/kg | 0.19   | mg/kg |
| RY489-A      | 10FC-RY489-A-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | CADMIUM       | 0.50          | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY489-A      | 10FC-RY489-A-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | CHROMIUM      | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 6.1    | mg/kg |
| RY489-A      | 10FC-RY489-A-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | COBALT        | 5.0           | Y           | J             | J            | J         | 5.0                 | mg/kg | 5.2    | mg/kg |
| RY489-A      | 10FC-RY489-A-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | COPPER        | 2.5           | Y           |               |              |           | 2.5                 | mg/kg | 8      | mg/kg |
| RY489-A      | 10FC-RY489-A-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | CALCIUM       | 500           | Y           |               |              |           | 500                 | mg/kg | 1590   | mg/kg |
| RY489-A      | 10FC-RY489-A-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | MANGANESE     | 1.5           | Y           | J-            | J-           |           | 1.5                 | mg/kg | 1010   | mg/kg |
| RY489-A      | 10FC-RY489-A-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | NICKEL        | 4.0           | Y           | J             | J            |           | 4.0                 | mg/kg | 6.5    | mg/kg |
| RY489-A      | 10FC-RY489-A-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | POTASSIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 1580   | mg/kg |
| RY489-A      | 10FC-RY489-A-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | SILVER        | 1.0           | Y           | J             |              | J         | 1.0                 | mg/kg | 0.31   | mg/kg |
| RY489-A      | 10FC-RY489-A-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | SODIUM        | 500           | Y           | J             |              | J         | 500                 | mg/kg | 104    | mg/kg |
| RY489-A      | 10FC-RY489-A-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.9    | mg/kg |
| RY489-A      | 10FC-RY489-A-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | VANADIUM      | 5.0           | Y           |               |              |           | 5.0                 | mg/kg | 11.6   | mg/kg |
| RY489-A      | 10FC-RY489-A-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | ZINC          | 6.0           | Y           |               |              |           | 6.0                 | mg/kg | 36.2   | mg/kg |
| RY489-A      | 10FC-RY489-A-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | SELENIUM      | 3.5           | Y           | U             | 3.5U         | J         | 3.5                 | mg/kg | 3.5    | mg/kg |
| RY489-A      | 10FC-RY489-A-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | ALUMINUM      | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 10400  | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code       | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-----------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY489-A      | 10FC-RY489-A-006012   | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | IRON          | 10.0                | Y           |               |              |           | 10.0                | mg/kg | 10300  | mg/kg |
| RY489-A      | 10FC-RY489-A-006012   | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | LEAD          | 1.0                 | Y           | J+            | J+           |           | 1.0                 | mg/kg | 6.4    | mg/kg |
| RY489-A      | 10FC-RY489-A-006012   | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2620   | mg/kg |
| RY489-A      | 10FC-RY489-A-006012   | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | ANTIMONY      | 6.0                 | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 6.8    | mg/kg |
| RY489-A      | 10FC-RY489-A-006012   | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | ARSENIC       | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 2.8    | mg/kg |
| RY489-A      | 10FC-RY489-A-006012   | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | BARIUM        | 20.0                | Y           | J             | J            |           | 20.0                | mg/kg | 243    | mg/kg |
| RY489-A      | 10FC-RY489-A-006012   | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | BERYLLIUM     | 0.50                | Y           | J             |              | J         | 0.50                | mg/kg | 0.2    | mg/kg |
| RY489-A      | 10FC-RY489-A-006012   | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | CADMIUM       | 0.50                | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY489-A      | 10FC-RY489-A-006012   | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | CHROMIUM      | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 6.5    | mg/kg |
| RY489-A      | 10FC-RY489-A-006012   | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | COBALT        | 5.0                 | Y           | J             | J            | J         | 5.0                 | mg/kg | 5.2    | mg/kg |
| RY489-A      | 10FC-RY489-A-006012   | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 8.4    | mg/kg |
| RY489-A      | 10FC-RY489-A-006012   | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 1510   | mg/kg |
| RY489-A      | 10FC-RY489-A-006012   | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | MANGANESE     | 1.5                 | Y           | J-            | J-           |           | 1.5                 | mg/kg | 721    | mg/kg |
| RY489-A      | 10FC-RY489-A-006012   | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | NICKEL        | 4.0                 | Y           | J             | J            |           | 4.0                 | mg/kg | 6.5    | mg/kg |
| RY489-A      | 10FC-RY489-A-006012   | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1630   | mg/kg |
| RY489-A      | 10FC-RY489-A-006012   | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | SILVER        | 1.0                 | Y           | J             |              | J         | 1.0                 | mg/kg | 0.36   | mg/kg |
| RY489-A      | 10FC-RY489-A-006012   | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 108    | mg/kg |
| RY489-A      | 10FC-RY489-A-006012   | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.8    | mg/kg |
| RY489-A      | 10FC-RY489-A-006012   | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | VANADIUM      | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 12.4   | mg/kg |
| RY489-A      | 10FC-RY489-A-006012   | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 34.1   | mg/kg |
| RY489-A      | 10FC-RY489-A-006012   | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | SELENIUM      | 3.5                 | Y           | U             | 3.5U         | J         | 3.5                 | mg/kg | 3.5    | mg/kg |
| RY489-A      | 10FC-RY489-A-006012-D | 7/8/2010    | FD          | 6           | 12        | in         | C200.7          | 10/24/2010    | ALUMINUM      | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 9860   | mg/kg |
| RY489-A      | 10FC-RY489-A-006012-D | 7/8/2010    | FD          | 6           | 12        | in         | C200.7          | 10/24/2010    | IRON          | 10.0                | Y           |               |              |           | 10.0                | mg/kg | 9580   | mg/kg |
| RY489-A      | 10FC-RY489-A-006012-D | 7/8/2010    | FD          | 6           | 12        | in         | C200.7          | 10/24/2010    | LEAD          | 1.0                 | Y           | J+            | J+           |           | 1.0                 | mg/kg | 6.1    | mg/kg |
| RY489-A      | 10FC-RY489-A-006012-D | 7/8/2010    | FD          | 6           | 12        | in         | C200.7          | 10/24/2010    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2550   | mg/kg |
| RY489-A      | 10FC-RY489-A-006012-D | 7/8/2010    | FD          | 6           | 12        | in         | C200.7          | 10/24/2010    | MANGANESE     | 1.5                 | Y           | J-            | J-           |           | 1.5                 | mg/kg | 355    | mg/kg |
| RY489-A      | 10FC-RY489-A-006012-D | 7/8/2010    | FD          | 6           | 12        | in         | C200.7          | 10/24/2010    | NICKEL        | 4.0                 | Y           | J             | J            |           | 4.0                 | mg/kg | 5.9    | mg/kg |
| RY489-A      | 10FC-RY489-A-006012-D | 7/8/2010    | FD          | 6           | 12        | in         | C200.7          | 10/24/2010    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1560   | mg/kg |
| RY489-A      | 10FC-RY489-A-006012-D | 7/8/2010    | FD          | 6           | 12        | in         | C200.7          | 10/24/2010    | SILVER        | 1.0                 | Y           | J             |              | J         | 1.0                 | mg/kg | 0.3    | mg/kg |
| RY489-A      | 10FC-RY489-A-006012-D | 7/8/2010    | FD          | 6           | 12        | in         | C200.7          | 10/24/2010    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 114    | mg/kg |
| RY489-A      | 10FC-RY489-A-006012-D | 7/8/2010    | FD          | 6           | 12        | in         | C200.7          | 10/24/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.8    | mg/kg |
| RY489-A      | 10FC-RY489-A-006012-D | 7/8/2010    | FD          | 6           | 12        | in         | C200.7          | 10/24/2010    | ANTIMONY      | 6.0                 | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 6.8    | mg/kg |
| RY489-A      | 10FC-RY489-A-006012-D | 7/8/2010    | FD          | 6           | 12        | in         | C200.7          | 10/24/2010    | ARSENIC       | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 2.4    | mg/kg |
| RY489-A      | 10FC-RY489-A-006012-D | 7/8/2010    | FD          | 6           | 12        | in         | C200.7          | 10/24/2010    | BARIUM        | 20.0                | Y           | J             | J            |           | 20.0                | mg/kg | 179    | mg/kg |
| RY489-A      | 10FC-RY489-A-006012-D | 7/8/2010    | FD          | 6           | 12        | in         | C200.7          | 10/24/2010    | BERYLLIUM     | 0.50                | Y           | J             |              | J         | 0.50                | mg/kg | 0.16   | mg/kg |
| RY489-A      | 10FC-RY489-A-006012-D | 7/8/2010    | FD          | 6           | 12        | in         | C200.7          | 10/24/2010    | CADMIUM       | 0.50                | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY489-A      | 10FC-RY489-A-006012-D | 7/8/2010    | FD          | 6           | 12        | in         | C200.7          | 10/24/2010    | CHROMIUM      | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 6.4    | mg/kg |
| RY489-A      | 10FC-RY489-A-006012-D | 7/8/2010    | FD          | 6           | 12        | in         | C200.7          | 10/24/2010    | COBALT        | 5.0                 | Y           | J             | J            | J         | 5.0                 | mg/kg | 4.2    | mg/kg |
| RY489-A      | 10FC-RY489-A-006012-D | 7/8/2010    | FD          | 6           | 12        | in         | C200.7          | 10/24/2010    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 6.9    | mg/kg |
| RY489-A      | 10FC-RY489-A-006012-D | 7/8/2010    | FD          | 6           | 12        | in         | C200.7          | 10/24/2010    | VANADIUM      | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 11.2   | mg/kg |
| RY489-A      | 10FC-RY489-A-006012-D | 7/8/2010    | FD          | 6           | 12        | in         | C200.7          | 10/24/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 31.6   | mg/kg |
| RY489-A      | 10FC-RY489-A-006012-D | 7/8/2010    | FD          | 6           | 12        | in         | C200.7          | 10/24/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 1480   | mg/kg |
| RY489-A      | 10FC-RY489-A-006012-D | 7/8/2010    | FD          | 6           | 12        | in         | C200.7          | 10/24/2010    | SELENIUM      | 3.5                 | Y           | U             | 3.5U         | J         | 3.5                 | mg/kg | 3.5    | mg/kg |
| RY489-B      | 10FC-RY489-B-000002   | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | ALUMINUM      | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 9700   | mg/kg |
| RY489-B      | 10FC-RY489-B-000002   | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | IRON          | 10.0                | Y           |               |              |           | 10.0                | mg/kg | 10500  | mg/kg |
| RY489-B      | 10FC-RY489-B-000002   | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | LEAD          | 1.0                 | Y           | J+            | J+           |           | 1.0                 | mg/kg | 7.8    | mg/kg |
| RY489-B      | 10FC-RY489-B-000002   | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2930   | mg/kg |
| RY489-B      | 10FC-RY489-B-000002   | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | ANTIMONY      | 6.0                 | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 6.8    | mg/kg |

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| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY489-B      | 10FC-RY489-B-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | ARSENIC       | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 3.2    | mg/kg |
| RY489-B      | 10FC-RY489-B-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | BARIUM        | 20.0                | Y           | J             | J            |           | 20.0                | mg/kg | 194    | mg/kg |
| RY489-B      | 10FC-RY489-B-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | BERYLLIUM     | 0.50                | Y           | J             |              | J         | 0.50                | mg/kg | 0.25   | mg/kg |
| RY489-B      | 10FC-RY489-B-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | CADMIUM       | 0.50                | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY489-B      | 10FC-RY489-B-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | CHROMIUM      | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 7.1    | mg/kg |
| RY489-B      | 10FC-RY489-B-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | COBALT        | 5.0                 | Y           | J             | J            | J         | 5.0                 | mg/kg | 5.2    | mg/kg |
| RY489-B      | 10FC-RY489-B-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 8.2    | mg/kg |
| RY489-B      | 10FC-RY489-B-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 2260   | mg/kg |
| RY489-B      | 10FC-RY489-B-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | MANGANESE     | 1.5                 | Y           | J-            | J-           |           | 1.5                 | mg/kg | 691    | mg/kg |
| RY489-B      | 10FC-RY489-B-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | NICKEL        | 4.0                 | Y           | J             | J            |           | 4.0                 | mg/kg | 7.3    | mg/kg |
| RY489-B      | 10FC-RY489-B-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1600   | mg/kg |
| RY489-B      | 10FC-RY489-B-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | SILVER        | 1.0                 | Y           | J             |              | J         | 1.0                 | mg/kg | 0.28   | mg/kg |
| RY489-B      | 10FC-RY489-B-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 103    | mg/kg |
| RY489-B      | 10FC-RY489-B-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.8    | mg/kg |
| RY366-B      | 10FC-RY366-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | SILVER        | 0.72                | N           | U             |              | U         | 0.72                | mg/kg | 0.72   | mg/kg |
| RY366-B      | 10FC-RY366-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | SODIUM        | 361                 | Y           | J             |              | J         | 361                 | mg/kg | 194    | mg/kg |
| RY366-B      | 10FC-RY366-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | THALLIUM      | 1.8                 | N           | U             |              | U         | 1.8                 | mg/kg | 1.8    | mg/kg |
| RY366-B      | 10FC-RY366-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | BERYLLIUM     | 0.36                | Y           |               |              |           | 0.36                | mg/kg | 0.44   | mg/kg |
| RY366-B      | 10FC-RY366-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | CADMIUM       | 0.36                | Y           |               |              |           | 0.36                | mg/kg | 1      | mg/kg |
| RY366-B      | 10FC-RY366-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | CHROMIUM      | 0.72                | Y           |               |              |           | 0.72                | mg/kg | 6.6    | mg/kg |
| RY366-B      | 10FC-RY366-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | COBALT        | 3.6                 | Y           |               |              |           | 3.6                 | mg/kg | 5.4    | mg/kg |
| RY366-B      | 10FC-RY366-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | COPPER        | 1.8                 | Y           |               |              |           | 1.8                 | mg/kg | 26.9   | mg/kg |
| RY366-B      | 10FC-RY366-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | VANADIUM      | 3.6                 | Y           |               |              |           | 3.6                 | mg/kg | 12.3   | mg/kg |
| RY366-B      | 10FC-RY366-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | ZINC          | 4.3                 | Y           |               |              |           | 4.3                 | mg/kg | 335    | mg/kg |
| RY366-B      | 10FC-RY366-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | CALCIUM       | 361                 | Y           |               |              |           | 361                 | mg/kg | 6450   | mg/kg |
| RY366-B      | 10FC-RY366-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | SELENIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.5    | mg/kg |
| RY366-B      | 10FC-RY366-B-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | ALUMINUM      | 11.4                | Y           |               |              |           | 11.4                | mg/kg | 6300   | mg/kg |
| RY366-B      | 10FC-RY366-B-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | ANTIMONY      | 3.4                 | Y           | J-            | J-           |           | 3.4                 | mg/kg | 4      | mg/kg |
| RY366-B      | 10FC-RY366-B-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | ARSENIC       | 0.57                | Y           |               |              |           | 0.57                | mg/kg | 12.2   | mg/kg |
| RY366-B      | 10FC-RY366-B-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | BARIUM        | 11.4                | Y           |               |              |           | 11.4                | mg/kg | 140    | mg/kg |
| RY366-B      | 10FC-RY366-B-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | IRON          | 5.7                 | Y           |               |              |           | 5.7                 | mg/kg | 14000  | mg/kg |
| RY366-B      | 10FC-RY366-B-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | LEAD          | 0.57                | Y           |               |              |           | 0.57                | mg/kg | 273    | mg/kg |
| RY366-B      | 10FC-RY366-B-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 284                 | Y           |               |              |           | 284                 | mg/kg | 3070   | mg/kg |
| RY366-B      | 10FC-RY366-B-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | MANGANESE     | 0.85                | Y           |               |              |           | 0.85                | mg/kg | 360    | mg/kg |
| RY366-B      | 10FC-RY366-B-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | NICKEL        | 2.3                 | Y           |               |              |           | 2.3                 | mg/kg | 9.6    | mg/kg |
| RY366-B      | 10FC-RY366-B-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | POTASSIUM     | 284                 | Y           |               |              |           | 284                 | mg/kg | 1630   | mg/kg |
| RY366-B      | 10FC-RY366-B-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | SILVER        | 0.57                | N           | U             |              | U         | 0.57                | mg/kg | 0.57   | mg/kg |
| RY366-B      | 10FC-RY366-B-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | SODIUM        | 284                 | Y           | J             |              | J         | 284                 | mg/kg | 142    | mg/kg |
| RY366-B      | 10FC-RY366-B-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | THALLIUM      | 1.4                 | N           | U             |              | U         | 1.4                 | mg/kg | 1.4    | mg/kg |
| RY366-B      | 10FC-RY366-B-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | BERYLLIUM     | 0.28                | Y           |               |              |           | 0.28                | mg/kg | 0.4    | mg/kg |
| RY366-B      | 10FC-RY366-B-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | CADMIUM       | 0.28                | Y           |               |              |           | 0.28                | mg/kg | 0.92   | mg/kg |
| RY366-B      | 10FC-RY366-B-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | CHROMIUM      | 0.57                | Y           |               |              |           | 0.57                | mg/kg | 6.3    | mg/kg |
| RY366-B      | 10FC-RY366-B-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | COBALT        | 2.8                 | Y           |               |              |           | 2.8                 | mg/kg | 5.7    | mg/kg |
| RY366-B      | 10FC-RY366-B-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | COPPER        | 1.4                 | Y           |               |              |           | 1.4                 | mg/kg | 30     | mg/kg |
| RY366-B      | 10FC-RY366-B-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | VANADIUM      | 2.8                 | Y           |               |              |           | 2.8                 | mg/kg | 11.4   | mg/kg |
| RY366-B      | 10FC-RY366-B-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | ZINC          | 3.4                 | Y           |               |              |           | 3.4                 | mg/kg | 211    | mg/kg |
| RY366-B      | 10FC-RY366-B-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | CALCIUM       | 284                 | Y           |               |              |           | 284                 | mg/kg | 4940   | mg/kg |
| RY366-B      | 10FC-RY366-B-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | SELENIUM      | 2.0                 | N           | U             |              | U         | 2.0                 | mg/kg | 2      | mg/kg |

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| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY366-C      | 10FC-RY366-C-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | ALUMINUM      | 16.5          | Y           |               |              |           | 16.5                | mg/kg | 8110   | mg/kg |
| RY366-C      | 10FC-RY366-C-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | ANTIMONY      | 5.0           | Y           | J-            | J-           |           | 5.0                 | mg/kg | 5      | mg/kg |
| RY366-C      | 10FC-RY366-C-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | ARSENIC       | 0.83          | Y           |               |              |           | 0.83                | mg/kg | 16.5   | mg/kg |
| RY366-C      | 10FC-RY366-C-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | BARIUM        | 16.5          | Y           |               |              |           | 16.5                | mg/kg | 169    | mg/kg |
| RY366-C      | 10FC-RY366-C-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | IRON          | 8.3           | Y           |               |              |           | 8.3                 | mg/kg | 16200  | mg/kg |
| RY366-C      | 10FC-RY366-C-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | LEAD          | 0.83          | Y           |               |              |           | 0.83                | mg/kg | 119    | mg/kg |
| RY366-C      | 10FC-RY366-C-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 413           | Y           |               |              |           | 413                 | mg/kg | 2930   | mg/kg |
| RY366-C      | 10FC-RY366-C-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | MANGANESE     | 1.2           | Y           |               |              |           | 1.2                 | mg/kg | 510    | mg/kg |
| RY366-C      | 10FC-RY366-C-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | NICKEL        | 3.3           | Y           |               |              |           | 3.3                 | mg/kg | 9      | mg/kg |
| RY366-C      | 10FC-RY366-C-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | POTASSIUM     | 413           | Y           |               |              |           | 413                 | mg/kg | 1410   | mg/kg |
| RY366-C      | 10FC-RY366-C-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | SILVER        | 0.83          | N           | U             |              | U         | 0.83                | mg/kg | 0.83   | mg/kg |
| RY366-C      | 10FC-RY366-C-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | SODIUM        | 413           | Y           | J             |              | J         | 413                 | mg/kg | 157    | mg/kg |
| RY366-C      | 10FC-RY366-C-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | THALLIUM      | 2.1           | N           | U             |              | U         | 2.1                 | mg/kg | 2.1    | mg/kg |
| RY366-C      | 10FC-RY366-C-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | BERYLLIUM     | 0.41          | Y           |               |              |           | 0.41                | mg/kg | 0.46   | mg/kg |
| RY366-C      | 10FC-RY366-C-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | CADMIUM       | 0.41          | Y           |               |              |           | 0.41                | mg/kg | 0.9    | mg/kg |
| RY366-C      | 10FC-RY366-C-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | CHROMIUM      | 0.83          | Y           |               |              |           | 0.83                | mg/kg | 7.5    | mg/kg |
| RY366-C      | 10FC-RY366-C-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | COBALT        | 4.1           | Y           |               |              |           | 4.1                 | mg/kg | 7.1    | mg/kg |
| RY366-C      | 10FC-RY366-C-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | COPPER        | 2.1           | Y           |               |              |           | 2.1                 | mg/kg | 20.7   | mg/kg |
| RY366-C      | 10FC-RY366-C-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | VANADIUM      | 4.1           | Y           |               |              |           | 4.1                 | mg/kg | 11.7   | mg/kg |
| RY366-C      | 10FC-RY366-C-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | ZINC          | 5.0           | Y           |               |              |           | 5.0                 | mg/kg | 211    | mg/kg |
| RY366-C      | 10FC-RY366-C-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | CALCIUM       | 413           | Y           |               |              |           | 413                 | mg/kg | 4950   | mg/kg |
| RY366-C      | 10FC-RY366-C-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | SELENIUM      | 2.9           | N           | U             |              | U         | 2.9                 | mg/kg | 2.9    | mg/kg |
| RY366-C      | 10FC-RY366-C-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | ALUMINUM      | 20.4          | Y           |               |              |           | 20.4                | mg/kg | 8640   | mg/kg |
| RY366-C      | 10FC-RY366-C-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | ANTIMONY      | 6.1           | Y           | J-            | J-           | J         | 6.1                 | mg/kg | 5.7    | mg/kg |
| RY366-C      | 10FC-RY366-C-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | ARSENIC       | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 19.4   | mg/kg |
| RY366-C      | 10FC-RY366-C-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | BARIUM        | 20.4          | Y           |               |              |           | 20.4                | mg/kg | 206    | mg/kg |
| RY366-C      | 10FC-RY366-C-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | IRON          | 10.2          | Y           |               |              |           | 10.2                | mg/kg | 16400  | mg/kg |
| RY366-C      | 10FC-RY366-C-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | LEAD          | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 138    | mg/kg |
| RY366-C      | 10FC-RY366-C-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 511           | Y           |               |              |           | 511                 | mg/kg | 3080   | mg/kg |
| RY366-C      | 10FC-RY366-C-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | MANGANESE     | 1.5           | Y           |               |              |           | 1.5                 | mg/kg | 589    | mg/kg |
| RY366-C      | 10FC-RY366-C-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | NICKEL        | 4.1           | Y           |               |              |           | 4.1                 | mg/kg | 9.2    | mg/kg |
| RY366-C      | 10FC-RY366-C-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | POTASSIUM     | 511           | Y           |               |              |           | 511                 | mg/kg | 1540   | mg/kg |
| RY366-C      | 10FC-RY366-C-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SILVER        | 1.0           | N           | U             |              | U         | 1.0                 | mg/kg | 1      | mg/kg |
| RY366-C      | 10FC-RY366-C-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SODIUM        | 511           | Y           | J             |              | J         | 511                 | mg/kg | 184    | mg/kg |
| RY366-C      | 10FC-RY366-C-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | THALLIUM      | 2.6           | N           | U             |              | U         | 2.6                 | mg/kg | 2.6    | mg/kg |
| RY366-C      | 10FC-RY366-C-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | BERYLLIUM     | 0.41          | Y           | J             |              | J         | 0.41                | mg/kg | 0.38   | mg/kg |
| RY366-C      | 10FC-RY366-C-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CADMIUM       | 0.51          | Y           |               |              |           | 0.51                | mg/kg | 1      | mg/kg |
| RY366-C      | 10FC-RY366-C-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CHROMIUM      | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 8      | mg/kg |
| RY366-C      | 10FC-RY366-C-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | COBALT        | 5.1           | Y           |               |              |           | 5.1                 | mg/kg | 6.7    | mg/kg |
| RY366-C      | 10FC-RY366-C-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | COPPER        | 2.6           | Y           |               |              |           | 2.6                 | mg/kg | 22.1   | mg/kg |
| RY366-C      | 10FC-RY366-C-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | VANADIUM      | 5.1           | Y           |               |              |           | 5.1                 | mg/kg | 12.5   | mg/kg |
| RY366-C      | 10FC-RY366-C-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | ZINC          | 6.1           | Y           |               |              |           | 6.1                 | mg/kg | 233    | mg/kg |
| RY366-C      | 10FC-RY366-C-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CALCIUM       | 511           | Y           |               |              |           | 511                 | mg/kg | 5370   | mg/kg |
| RY366-C      | 10FC-RY366-C-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SELENIUM      | 3.6           | N           | U             |              | U         | 3.6                 | mg/kg | 3.6    | mg/kg |
| RY418-A      | 10FC-RY418-A-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | ALUMINUM      | 21.4          | Y           |               |              |           | 21.4                | mg/kg | 8210   | mg/kg |
| RY418-A      | 10FC-RY418-A-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | IRON          | 10.7          | Y           |               |              |           | 10.7                | mg/kg | 11200  | mg/kg |
| RY418-A      | 10FC-RY418-A-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | LEAD          | 1.1           | Y           | J             | J            |           | 1.1                 | mg/kg | 215    | mg/kg |
| RY418-A      | 10FC-RY418-A-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | MAGNESIUM     | 535           | Y           |               |              |           | 535                 | mg/kg | 3790   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY418-A      | 10FC-RY418-A-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | MANGANESE     | 1.6           | Y           |               |              |           | 1.6           | mg/kg | 423    | mg/kg |
| RY418-A      | 10FC-RY418-A-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | NICKEL        | 4.3           | Y           |               |              |           | 4.3           | mg/kg | 7.9    | mg/kg |
| RY418-A      | 10FC-RY418-A-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | POTASSIUM     | 535           | Y           |               |              |           | 535           | mg/kg | 1560   | mg/kg |
| RY418-A      | 10FC-RY418-A-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | SILVER        | 1.1           | N           | UJ            | UJ           | U         | 1.1           | mg/kg | 1.1    | mg/kg |
| RY418-A      | 10FC-RY418-A-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | SODIUM        | 535           | Y           | J             |              | J         | 535           | mg/kg | 215    | mg/kg |
| RY418-A      | 10FC-RY418-A-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | THALLIUM      | 2.7           | N           | UJ            | UJ           | U         | 2.7           | mg/kg | 2.7    | mg/kg |
| RY418-A      | 10FC-RY418-A-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | ANTIMONY      | 6.4           | Y           | J-            | J-           | J         | 6.4           | mg/kg | 0.95   | mg/kg |
| RY418-A      | 10FC-RY418-A-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | ARSENIC       | 1.1           | Y           | J-            | J-           |           | 1.1           | mg/kg | 4.1    | mg/kg |
| RY418-A      | 10FC-RY418-A-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | BARIUM        | 21.4          | Y           |               |              |           | 21.4          | mg/kg | 158    | mg/kg |
| RY418-A      | 10FC-RY418-A-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | BERYLLIUM     | 0.53          | Y           | J-            | J-           | J         | 0.53          | mg/kg | 0.46   | mg/kg |
| RY418-A      | 10FC-RY418-A-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | CADMIUM       | 0.53          | Y           | J             | J            | J         | 0.53          | mg/kg | 0.08   | mg/kg |
| RY418-A      | 10FC-RY418-A-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | CHROMIUM      | 1.1           | Y           |               |              |           | 1.1           | mg/kg | 8.2    | mg/kg |
| RY418-A      | 10FC-RY418-A-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | COBALT        | 5.3           | Y           | J             |              | J         | 5.3           | mg/kg | 5.2    | mg/kg |
| RY418-A      | 10FC-RY418-A-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | COPPER        | 2.7           | Y           |               |              |           | 2.7           | mg/kg | 16.1   | mg/kg |
| RY418-A      | 10FC-RY418-A-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | VANADIUM      | 5.3           | Y           |               |              |           | 5.3           | mg/kg | 13.3   | mg/kg |
| RY418-A      | 10FC-RY418-A-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | ZINC          | 6.4           | Y           | J-            | J-           |           | 6.4           | mg/kg | 68     | mg/kg |
| RY418-A      | 10FC-RY418-A-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | CALCIUM       | 535           | Y           |               |              |           | 535           | mg/kg | 3130   | mg/kg |
| RY418-A      | 10FC-RY418-A-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | SELENIUM      | 3.7           | N           | UJ            | UJ           | U         | 3.7           | mg/kg | 3.7    | mg/kg |
| RY418-B      | 10FC-RY418-B-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | ALUMINUM      | 12.7          | Y           |               |              |           | 12.7          | mg/kg | 7460   | mg/kg |
| RY418-B      | 10FC-RY418-B-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | IRON          | 6.4           | Y           |               |              |           | 6.4           | mg/kg | 12700  | mg/kg |
| RY418-B      | 10FC-RY418-B-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | LEAD          | 0.64          | Y           | J             | J            |           | 0.64          | mg/kg | 180    | mg/kg |
| RY418-B      | 10FC-RY418-B-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | MAGNESIUM     | 318           | Y           |               |              |           | 318           | mg/kg | 3330   | mg/kg |
| RY418-B      | 10FC-RY418-B-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | MANGANESE     | 0.96          | Y           |               |              |           | 0.96          | mg/kg | 742    | mg/kg |
| RY418-B      | 10FC-RY418-B-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | NICKEL        | 2.5           | Y           |               |              |           | 2.5           | mg/kg | 7.4    | mg/kg |
| RY418-B      | 10FC-RY418-B-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | POTASSIUM     | 318           | Y           |               |              |           | 318           | mg/kg | 1250   | mg/kg |
| RY418-B      | 10FC-RY418-B-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | SILVER        | 0.64          | N           | UJ            | UJ           | U         | 0.64          | mg/kg | 0.64   | mg/kg |
| RY418-B      | 10FC-RY418-B-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | SODIUM        | 318           | Y           | J             |              | J         | 318           | mg/kg | 205    | mg/kg |
| RY418-B      | 10FC-RY418-B-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | THALLIUM      | 1.6           | N           | UJ            | UJ           | U         | 1.6           | mg/kg | 1.6    | mg/kg |
| RY418-B      | 10FC-RY418-B-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | ANTIMONY      | 3.8           | Y           | J-            | J-           | J         | 3.8           | mg/kg | 1.9    | mg/kg |
| RY418-B      | 10FC-RY418-B-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | ARSENIC       | 0.64          | Y           | J-            | J-           |           | 0.64          | mg/kg | 6.4    | mg/kg |
| RY418-B      | 10FC-RY418-B-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | BARIUM        | 12.7          | Y           |               |              |           | 12.7          | mg/kg | 247    | mg/kg |
| RY418-B      | 10FC-RY418-B-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | BERYLLIUM     | 0.32          | Y           | J-            | J-           |           | 0.32          | mg/kg | 0.66   | mg/kg |
| RY418-B      | 10FC-RY418-B-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | CADMIUM       | 0.32          | Y           | J             | J            |           | 0.32          | mg/kg | 0.54   | mg/kg |
| RY418-B      | 10FC-RY418-B-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | CHROMIUM      | 0.64          | Y           |               |              |           | 0.64          | mg/kg | 8.3    | mg/kg |
| RY418-B      | 10FC-RY418-B-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | COBALT        | 3.2           | Y           |               |              |           | 3.2           | mg/kg | 4.5    | mg/kg |
| RY418-B      | 10FC-RY418-B-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | COPPER        | 1.6           | Y           |               |              |           | 1.6           | mg/kg | 22.4   | mg/kg |
| RY418-B      | 10FC-RY418-B-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | VANADIUM      | 3.2           | Y           |               |              |           | 3.2           | mg/kg | 11.8   | mg/kg |
| RY418-B      | 10FC-RY418-B-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | ZINC          | 3.8           | Y           | J-            | J-           |           | 3.8           | mg/kg | 244    | mg/kg |
| RY418-B      | 10FC-RY418-B-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | CALCIUM       | 318           | Y           |               |              |           | 318           | mg/kg | 3120   | mg/kg |
| RY418-B      | 10FC-RY418-B-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | SELENIUM      | 2.2           | N           | UJ            | UJ           | U         | 2.2           | mg/kg | 2.2    | mg/kg |
| RY418-B      | 10FC-RY418-B-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | ALUMINUM      | 12.0          | Y           |               |              |           | 12.0          | mg/kg | 7730   | mg/kg |
| RY418-B      | 10FC-RY418-B-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | IRON          | 6.0           | Y           |               |              |           | 6.0           | mg/kg | 10800  | mg/kg |
| RY418-B      | 10FC-RY418-B-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | LEAD          | 0.60          | Y           | J             | J            |           | 0.60          | mg/kg | 173    | mg/kg |
| RY418-B      | 10FC-RY418-B-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | MAGNESIUM     | 301           | Y           |               |              |           | 301           | mg/kg | 4120   | mg/kg |
| RY418-B      | 10FC-RY418-B-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | MANGANESE     | 0.90          | Y           |               |              |           | 0.90          | mg/kg | 547    | mg/kg |
| RY418-B      | 10FC-RY418-B-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | NICKEL        | 2.4           | Y           |               |              |           | 2.4           | mg/kg | 7.7    | mg/kg |
| RY418-B      | 10FC-RY418-B-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | POTASSIUM     | 301           | Y           |               |              |           | 301           | mg/kg | 1270   | mg/kg |
| RY418-B      | 10FC-RY418-B-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | SILVER        | 0.60          | N           | UJ            | UJ           | U         | 0.60          | mg/kg | 0.6    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report | detect flag | interp. quals | valid. quals | lab quals | report | result | unit  | result | unit |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|--------|-------------|---------------|--------------|-----------|--------|--------|-------|--------|------|
|              |                         |             |             |             |           |            |                 |               |               | result |             |               |              |           | detect |        |       |        |      |
| RY418-B      | 10FC-RY418-B-002006     | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | SODIUM        | 301    | Y           | J             |              | J         | 301    | mg/kg  | 198   | mg/kg  |      |
| RY418-B      | 10FC-RY418-B-002006     | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | THALLIUM      | 1.5    | N           | UJ            | UJ           | U         | 1.5    | mg/kg  | 1.5   | mg/kg  |      |
| RY418-B      | 10FC-RY418-B-002006     | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | ANTIMONY      | 3.6    | Y           | J-            | J-           | J         | 3.6    | mg/kg  | 1.1   | mg/kg  |      |
| RY418-B      | 10FC-RY418-B-002006     | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | ARSENIC       | 0.60   | Y           | J-            | J-           |           | 0.60   | mg/kg  | 4.6   | mg/kg  |      |
| RY418-B      | 10FC-RY418-B-002006     | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | BARIUM        | 12.0   | Y           |               |              |           | 12.0   | mg/kg  | 191   | mg/kg  |      |
| RY418-B      | 10FC-RY418-B-002006     | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | BERYLLIUM     | 0.30   | Y           | J-            | J-           |           | 0.30   | mg/kg  | 0.52  | mg/kg  |      |
| RY418-B      | 10FC-RY418-B-002006     | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | CADMIUM       | 0.30   | Y           | J             | J            | J         | 0.30   | mg/kg  | 0.23  | mg/kg  |      |
| RY418-B      | 10FC-RY418-B-002006     | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | CHROMIUM      | 0.60   | Y           |               |              |           | 0.60   | mg/kg  | 8.1   | mg/kg  |      |
| RY418-B      | 10FC-RY418-B-002006     | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | COBALT        | 3.0    | Y           |               |              |           | 3.0    | mg/kg  | 4.6   | mg/kg  |      |
| RY418-B      | 10FC-RY418-B-002006     | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | COPPER        | 1.5    | Y           |               |              |           | 1.5    | mg/kg  | 17.2  | mg/kg  |      |
| RY418-B      | 10FC-RY418-B-002006     | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | VANADIUM      | 3.0    | Y           |               |              |           | 3.0    | mg/kg  | 10.8  | mg/kg  |      |
| RY418-B      | 10FC-RY418-B-002006     | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | ZINC          | 3.6    | Y           | J-            | J-           |           | 3.6    | mg/kg  | 173   | mg/kg  |      |
| RY418-B      | 10FC-RY418-B-002006     | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | CALCIUM       | 301    | Y           |               |              |           | 301    | mg/kg  | 4020  | mg/kg  |      |
| RY418-B      | 10FC-RY418-B-002006     | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | SELENIUM      | 2.1    | N           | UJ            | UJ           | U         | 2.1    | mg/kg  | 2.1   | mg/kg  |      |
| RY418-B      | 10FC-RY418-B-006012     | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | ALUMINUM      | 11.9   | Y           |               |              |           | 11.9   | mg/kg  | 6920  | mg/kg  |      |
| RY418-B      | 10FC-RY418-B-006012     | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | IRON          | 6.0    | Y           |               |              |           | 6.0    | mg/kg  | 10200 | mg/kg  |      |
| RY418-B      | 10FC-RY418-B-006012     | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | LEAD          | 0.60   | Y           | J             | J            |           | 0.60   | mg/kg  | 109   | mg/kg  |      |
| RY418-B      | 10FC-RY418-B-006012     | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | MAGNESIUM     | 298    | Y           |               |              |           | 298    | mg/kg  | 3850  | mg/kg  |      |
| RY418-B      | 10FC-RY418-B-006012     | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | MANGANESE     | 0.89   | Y           |               |              |           | 0.89   | mg/kg  | 597   | mg/kg  |      |
| RY418-B      | 10FC-RY418-B-006012     | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | NICKEL        | 2.4    | Y           |               |              |           | 2.4    | mg/kg  | 8.2   | mg/kg  |      |
| RY418-B      | 10FC-RY418-B-006012     | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | POTASSIUM     | 298    | Y           |               |              |           | 298    | mg/kg  | 1120  | mg/kg  |      |
| RY418-B      | 10FC-RY418-B-006012     | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | SILVER        | 0.60   | N           | UJ            | UJ           | U         | 0.60   | mg/kg  | 0.6   | mg/kg  |      |
| RY418-B      | 10FC-RY418-B-006012     | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | SODIUM        | 298    | Y           | J             |              | J         | 298    | mg/kg  | 201   | mg/kg  |      |
| RY418-B      | 10FC-RY418-B-006012     | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | THALLIUM      | 1.5    | N           | UJ            | UJ           | U         | 1.5    | mg/kg  | 1.5   | mg/kg  |      |
| RY418-B      | 10FC-RY418-B-006012     | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | ANTIMONY      | 3.6    | Y           | J-            | J-           | J         | 3.6    | mg/kg  | 1.3   | mg/kg  |      |
| RY418-B      | 10FC-RY418-B-006012     | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | ARSENIC       | 0.60   | Y           | J-            | J-           |           | 0.60   | mg/kg  | 4.5   | mg/kg  |      |
| RY418-B      | 10FC-RY418-B-006012     | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | BARIUM        | 11.9   | Y           |               |              |           | 11.9   | mg/kg  | 177   | mg/kg  |      |
| RY418-B      | 10FC-RY418-B-006012     | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | BERYLLIUM     | 0.30   | Y           | J-            | J-           |           | 0.30   | mg/kg  | 0.43  | mg/kg  |      |
| RY418-B      | 10FC-RY418-B-006012     | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | CADMIUM       | 0.30   | Y           | J             | J            | J         | 0.30   | mg/kg  | 0.22  | mg/kg  |      |
| RY418-B      | 10FC-RY418-B-006012     | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | CHROMIUM      | 0.60   | Y           |               |              |           | 0.60   | mg/kg  | 7.9   | mg/kg  |      |
| RY418-B      | 10FC-RY418-B-006012     | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | COBALT        | 3.0    | Y           |               |              |           | 3.0    | mg/kg  | 5.2   | mg/kg  |      |
| RY418-B      | 10FC-RY418-B-006012     | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | COPPER        | 1.5    | Y           |               |              |           | 1.5    | mg/kg  | 15.1  | mg/kg  |      |
| RY418-B      | 10FC-RY418-B-006012     | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | VANADIUM      | 3.0    | Y           |               |              |           | 3.0    | mg/kg  | 9.7   | mg/kg  |      |
| RY418-B      | 10FC-RY418-B-006012     | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | ZINC          | 3.6    | Y           | J-            | J-           |           | 3.6    | mg/kg  | 170   | mg/kg  |      |
| RY418-B      | 10FC-RY418-B-006012     | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | CALCIUM       | 298    | Y           |               |              |           | 298    | mg/kg  | 3510  | mg/kg  |      |
| RY418-B      | 10FC-RY418-B-006012     | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | SELENIUM      | 2.1    | N           | UJ            | UJ           | U         | 2.1    | mg/kg  | 2.1   | mg/kg  |      |
| RY418-D      | 10FC-RY418-D-006012     | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | ALUMINUM      | 12.0   | Y           |               |              |           | 12.0   | mg/kg  | 6380  | mg/kg  |      |
| RY418-D      | 10FC-RY418-D-006012     | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | IRON          | 6.0    | Y           |               |              |           | 6.0    | mg/kg  | 10100 | mg/kg  |      |
| RY418-D      | 10FC-RY418-D-006012     | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | LEAD          | 0.60   | Y           | J             | J            |           | 0.60   | mg/kg  | 55    | mg/kg  |      |
| RY418-D      | 10FC-RY418-D-006012     | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | MAGNESIUM     | 301    | Y           |               |              |           | 301    | mg/kg  | 3370  | mg/kg  |      |
| RY418-D      | 10FC-RY418-D-006012     | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | MANGANESE     | 0.90   | Y           |               |              |           | 0.90   | mg/kg  | 285   | mg/kg  |      |
| RY418-D      | 10FC-RY418-D-006012     | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | NICKEL        | 2.4    | Y           |               |              |           | 2.4    | mg/kg  | 6.8   | mg/kg  |      |
| RY418-D      | 10FC-RY418-D-006012     | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | POTASSIUM     | 301    | Y           |               |              |           | 301    | mg/kg  | 1140  | mg/kg  |      |
| RY418-D      | 10FC-RY418-D-006012     | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | SILVER        | 0.60   | N           | UJ            | UJ           | U         | 0.60   | mg/kg  | 0.6   | mg/kg  |      |
| RY418-D      | 10FC-RY418-D-006012     | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | SODIUM        | 301    | Y           | J             |              | J         | 301    | mg/kg  | 156   | mg/kg  |      |
| RY418-D      | 10FC-RY418-D-006012     | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | THALLIUM      | 1.5    | N           | UJ            | UJ           | U         | 1.5    | mg/kg  | 1.5   | mg/kg  |      |
| RY007-NSS-B  | 09FC-RY007-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SELENIUM      | 3.5    | N           | U             |              | U         | 3.5    | mg/kg  | 4.1   | mg/kg  |      |
| RY007-NSS-C  | 09FC-RY007-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ALUMINUM      | 20     | Y           |               |              |           | 20     | mg/kg  | 5870  | mg/kg  |      |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY007-NSS-C  | 09FC-RY007-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 8250   | mg/kg |
| RY007-NSS-C  | 09FC-RY007-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 15.1   | mg/kg |
| RY007-NSS-C  | 09FC-RY007-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2750   | mg/kg |
| RY007-NSS-C  | 09FC-RY007-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 273    | mg/kg |
| RY007-NSS-C  | 09FC-RY007-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 5.8    | mg/kg |
| RY007-NSS-C  | 09FC-RY007-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 931    | mg/kg |
| RY007-NSS-C  | 09FC-RY007-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 1.1    | mg/kg |
| RY007-NSS-C  | 09FC-RY007-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 572    | mg/kg |
| RY007-NSS-C  | 09FC-RY007-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.9    | mg/kg |
| RY007-NSS-C  | 09FC-RY007-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ANTIMONY      | 6                   | N           | U             |              | U         | 6                   | mg/kg | 6.9    | mg/kg |
| RY007-NSS-C  | 09FC-RY007-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 2.7    | mg/kg |
| RY007-NSS-C  | 09FC-RY007-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 104    | mg/kg |
| RY007-NSS-C  | 09FC-RY007-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.21   | mg/kg |
| RY007-NSS-C  | 09FC-RY007-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CADMIUM       | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.26   | mg/kg |
| RY007-NSS-C  | 09FC-RY007-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 6.8    | mg/kg |
| RY007-NSS-C  | 09FC-RY007-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.5    | mg/kg |
| RY007-NSS-C  | 09FC-RY007-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 9.7    | mg/kg |
| RY007-NSS-C  | 09FC-RY007-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 11.9   | mg/kg |
| RY007-NSS-C  | 09FC-RY007-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 63.4   | mg/kg |
| RY007-NSS-C  | 09FC-RY007-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 2610   | mg/kg |
| RY007-NSS-C  | 09FC-RY007-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 4      | mg/kg |
| RY007-NSS-D  | 09FC-RY007-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 4830   | mg/kg |
| RY007-NSS-D  | 09FC-RY007-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 8530   | mg/kg |
| RY007-NSS-D  | 09FC-RY007-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 247    | mg/kg |
| RY007-NSS-D  | 09FC-RY007-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3920   | mg/kg |
| RY007-NSS-D  | 09FC-RY007-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 276    | mg/kg |
| RY007-NSS-D  | 09FC-RY007-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 5.5    | mg/kg |
| RY007-NSS-D  | 09FC-RY007-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1030   | mg/kg |
| RY007-NSS-D  | 09FC-RY007-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SILVER        | 1                   | Y           |               |              |           | 1                   | mg/kg | 1.5    | mg/kg |
| RY007-NSS-D  | 09FC-RY007-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 506    | mg/kg |
| RY007-NSS-D  | 09FC-RY007-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.5    | mg/kg |
| RY007-NSS-D  | 09FC-RY007-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ANTIMONY      | 6                   | Y           |               |              |           | 6                   | mg/kg | 19.1   | mg/kg |
| RY007-NSS-D  | 09FC-RY007-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 50.9   | mg/kg |
| RY007-NSS-D  | 09FC-RY007-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 92.4   | mg/kg |
| RY007-NSS-D  | 09FC-RY007-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.18   | mg/kg |
| RY007-NSS-D  | 09FC-RY007-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 2.1    | mg/kg |
| RY007-NSS-D  | 09FC-RY007-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 6.1    | mg/kg |
| RY007-NSS-D  | 09FC-RY007-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.3    | mg/kg |
| RY007-NSS-D  | 09FC-RY007-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 9.1    | mg/kg |
| RY007-NSS-D  | 09FC-RY007-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 10.5   | mg/kg |
| RY007-NSS-D  | 09FC-RY007-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 248    | mg/kg |
| RY007-NSS-D  | 09FC-RY007-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 4190   | mg/kg |
| RY007-NSS-D  | 09FC-RY007-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.5    | mg/kg |
| RY007-NSS-F  | 09FC-RY007-NSS-F-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 6240   | mg/kg |
| RY007-NSS-F  | 09FC-RY007-NSS-F-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 17400  | mg/kg |
| RY007-NSS-F  | 09FC-RY007-NSS-F-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 37.6   | mg/kg |
| RY007-NSS-F  | 09FC-RY007-NSS-F-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3490   | mg/kg |
| RY007-NSS-F  | 09FC-RY007-NSS-F-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 357    | mg/kg |



Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY007-NSS-F  | 09FC-RY007-NSS-F-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 13.4   | mg/kg |
| RY007-NSS-F  | 09FC-RY007-NSS-F-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 940    | mg/kg |
| RY007-NSS-F  | 09FC-RY007-NSS-F-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 0.98   | mg/kg |
| RY007-NSS-F  | 09FC-RY007-NSS-F-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 490    | mg/kg |
| RY007-NSS-F  | 09FC-RY007-NSS-F-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.4    | mg/kg |
| RY007-NSS-F  | 09FC-RY007-NSS-F-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ANTIMONY      | 6                   | N           | U             |              | U         | 6                   | mg/kg | 5.9    | mg/kg |
| RY007-NSS-F  | 09FC-RY007-NSS-F-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 13.6   | mg/kg |
| RY007-NSS-F  | 09FC-RY007-NSS-F-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 110    | mg/kg |
| RY007-NSS-F  | 09FC-RY007-NSS-F-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.35   | mg/kg |
| RY007-NSS-F  | 09FC-RY007-NSS-F-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 0.59   | mg/kg |
| RY007-NSS-F  | 09FC-RY007-NSS-F-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 13.1   | mg/kg |
| RY007-NSS-F  | 09FC-RY007-NSS-F-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 10.8   | mg/kg |
| RY007-NSS-F  | 09FC-RY007-NSS-F-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 28.9   | mg/kg |
| RY007-NSS-F  | 09FC-RY007-NSS-F-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 13.1   | mg/kg |
| RY007-NSS-F  | 09FC-RY007-NSS-F-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 101    | mg/kg |
| RY007-NSS-F  | 09FC-RY007-NSS-F-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 3590   | mg/kg |
| RY007-NSS-F  | 09FC-RY007-NSS-F-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.4    | mg/kg |
| RY008-NSB-C  | 09FC-RY008-NSB-C-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 5210   | mg/kg |
| RY008-NSB-C  | 09FC-RY008-NSB-C-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 7520   | mg/kg |
| RY008-NSB-C  | 09FC-RY008-NSB-C-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 13.9   | mg/kg |
| RY008-NSB-C  | 09FC-RY008-NSB-C-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2550   | mg/kg |
| RY008-NSB-C  | 09FC-RY008-NSB-C-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 262    | mg/kg |
| RY008-NSB-C  | 09FC-RY008-NSB-C-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 5.1    | mg/kg |
| RY008-NSB-C  | 09FC-RY008-NSB-C-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1250   | mg/kg |
| RY008-NSB-C  | 09FC-RY008-NSB-C-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 1      | mg/kg |
| RY008-NSB-C  | 09FC-RY008-NSB-C-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 502    | mg/kg |
| RY008-NSB-C  | 09FC-RY008-NSB-C-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.5    | mg/kg |
| RY008-NSB-C  | 09FC-RY008-NSB-C-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | ANTIMONY      | 6                   | N           | U             |              | U         | 6                   | mg/kg | 6      | mg/kg |
| RY008-NSB-C  | 09FC-RY008-NSB-C-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 2.8    | mg/kg |
| RY008-NSB-C  | 09FC-RY008-NSB-C-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 107    | mg/kg |
| RY008-NSB-C  | 09FC-RY008-NSB-C-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.2    | mg/kg |
| RY008-NSB-C  | 09FC-RY008-NSB-C-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | CADMIUM       | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.5    | mg/kg |
| RY008-NSB-C  | 09FC-RY008-NSB-C-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 5.7    | mg/kg |
| RY008-NSB-C  | 09FC-RY008-NSB-C-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.4    | mg/kg |
| RY008-NSB-C  | 09FC-RY008-NSB-C-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 6.3    | mg/kg |
| RY008-NSB-C  | 09FC-RY008-NSB-C-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 11.4   | mg/kg |
| RY008-NSB-C  | 09FC-RY008-NSB-C-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 37.7   | mg/kg |
| RY008-NSB-C  | 09FC-RY008-NSB-C-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 1650   | mg/kg |
| RY008-NSB-C  | 09FC-RY008-NSB-C-002006 | 8/4/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.5    | mg/kg |
| RY008-NSS-A  | 09FC-RY008-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 5680   | mg/kg |
| RY008-NSS-A  | 09FC-RY008-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 9800   | mg/kg |
| RY008-NSS-A  | 09FC-RY008-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 274    | mg/kg |
| RY008-NSS-A  | 09FC-RY008-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2940   | mg/kg |
| RY008-NSS-A  | 09FC-RY008-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 298    | mg/kg |
| RY008-NSS-A  | 09FC-RY008-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.3    | mg/kg |
| RY008-NSS-A  | 09FC-RY008-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1050   | mg/kg |
| RY008-NSS-A  | 09FC-RY008-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SILVER        | 1                   | Y           |               |              |           | 1                   | mg/kg | 1.2    | mg/kg |
| RY008-NSS-A  | 09FC-RY008-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 503    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY008-NSS-A  | 09FC-RY008-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.5    | mg/kg |
| RY008-NSS-A  | 09FC-RY008-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ANTIMONY      | 6                   | Y           |               |              |           | 6                   | mg/kg | 12.3   | mg/kg |
| RY008-NSS-A  | 09FC-RY008-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 133    | mg/kg |
| RY008-NSS-A  | 09FC-RY008-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 95.7   | mg/kg |
| RY008-NSS-A  | 09FC-RY008-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.22   | mg/kg |
| RY008-NSS-A  | 09FC-RY008-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 2.4    | mg/kg |
| RY008-NSS-A  | 09FC-RY008-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 5.9    | mg/kg |
| RY008-NSS-A  | 09FC-RY008-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.9    | mg/kg |
| RY008-NSS-A  | 09FC-RY008-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 9.7    | mg/kg |
| RY008-NSS-A  | 09FC-RY008-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 12.2   | mg/kg |
| RY008-NSS-A  | 09FC-RY008-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 131    | mg/kg |
| RY008-NSS-A  | 09FC-RY008-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 2590   | mg/kg |
| RY008-NSS-A  | 09FC-RY008-NSS-A-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.5    | mg/kg |
| RY008-NSS-B  | 09FC-RY008-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 6150   | mg/kg |
| RY008-NSS-B  | 09FC-RY008-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 8580   | mg/kg |
| RY008-NSS-B  | 09FC-RY008-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 36.3   | mg/kg |
| RY008-NSS-B  | 09FC-RY008-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2630   | mg/kg |
| RY008-NSS-B  | 09FC-RY008-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 337    | mg/kg |
| RY008-NSS-B  | 09FC-RY008-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 5.9    | mg/kg |
| RY008-NSS-B  | 09FC-RY008-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1490   | mg/kg |
| RY008-NSS-B  | 09FC-RY008-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 1      | mg/kg |
| RY008-NSS-B  | 09FC-RY008-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 507    | mg/kg |
| RY008-NSS-B  | 09FC-RY008-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.5    | mg/kg |
| RY008-NSS-B  | 09FC-RY008-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ANTIMONY      | 6                   | N           | U             |              | U         | 6                   | mg/kg | 6.1    | mg/kg |
| RY008-NSS-B  | 09FC-RY008-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 4.2    | mg/kg |
| RY008-NSS-B  | 09FC-RY008-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 128    | mg/kg |
| RY008-NSS-B  | 09FC-RY008-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.22   | mg/kg |
| RY008-NSS-B  | 09FC-RY008-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CADMIUM       | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.43   | mg/kg |
| RY008-NSS-B  | 09FC-RY008-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 7.2    | mg/kg |
| RY008-NSS-B  | 09FC-RY008-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 5.3    | mg/kg |
| RY008-NSS-B  | 09FC-RY008-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 11     | mg/kg |
| RY008-NSS-B  | 09FC-RY008-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 13.3   | mg/kg |
| RY008-NSS-B  | 09FC-RY008-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 95.1   | mg/kg |
| RY008-NSS-B  | 09FC-RY008-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 3700   | mg/kg |
| RY008-NSS-B  | 09FC-RY008-NSS-B-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.5    | mg/kg |
| RY008-NSS-C  | 09FC-RY008-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 5870   | mg/kg |
| RY008-NSS-C  | 09FC-RY008-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 8310   | mg/kg |
| RY008-NSS-C  | 09FC-RY008-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 14     | mg/kg |
| RY008-NSS-C  | 09FC-RY008-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2840   | mg/kg |
| RY008-NSS-C  | 09FC-RY008-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 361    | mg/kg |
| RY008-NSS-C  | 09FC-RY008-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 5.9    | mg/kg |
| RY008-NSS-C  | 09FC-RY008-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1290   | mg/kg |
| RY008-NSS-C  | 09FC-RY008-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 1      | mg/kg |
| RY008-NSS-C  | 09FC-RY008-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 502    | mg/kg |
| RY008-NSS-C  | 09FC-RY008-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.5    | mg/kg |
| RY008-NSS-C  | 09FC-RY008-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ANTIMONY      | 6                   | N           | U             |              | U         | 6                   | mg/kg | 6      | mg/kg |
| RY008-NSS-C  | 09FC-RY008-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 2.7    | mg/kg |
| RY008-NSS-C  | 09FC-RY008-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 122    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                         |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY008-NSS-C  | 09FC-RY008-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | BERYLLIUM     | 0.5           | Y           | J             |              | J         | 0.5                 | mg/kg | 0.21   | mg/kg |
| RY008-NSS-C  | 09FC-RY008-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CADMIUM       | 0.5           | Y           | J             |              | J         | 0.5                 | mg/kg | 0.19   | mg/kg |
| RY008-NSS-C  | 09FC-RY008-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CHROMIUM      | 1             | Y           |               |              |           | 1                   | mg/kg | 6.6    | mg/kg |
| RY008-NSS-C  | 09FC-RY008-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | COBALT        | 5             | Y           |               |              |           | 5                   | mg/kg | 5      | mg/kg |
| RY008-NSS-C  | 09FC-RY008-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | COPPER        | 2.5           | Y           |               |              |           | 2.5                 | mg/kg | 8      | mg/kg |
| RY008-NSS-C  | 09FC-RY008-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | VANADIUM      | 5             | Y           |               |              |           | 5                   | mg/kg | 12.4   | mg/kg |
| RY008-NSS-C  | 09FC-RY008-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ZINC          | 6             | Y           |               |              |           | 6                   | mg/kg | 40.2   | mg/kg |
| RY008-NSS-C  | 09FC-RY008-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CALCIUM       | 500           | Y           |               |              |           | 500                 | mg/kg | 1920   | mg/kg |
| RY008-NSS-C  | 09FC-RY008-NSS-C-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SELENIUM      | 3.5           | N           | U             |              | U         | 3.5                 | mg/kg | 3.5    | mg/kg |
| RY008-NSS-D  | 09FC-RY008-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ALUMINUM      | 20            | Y           |               |              |           | 20                  | mg/kg | 6280   | mg/kg |
| RY008-NSS-D  | 09FC-RY008-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | IRON          | 10            | Y           |               |              |           | 10                  | mg/kg | 13700  | mg/kg |
| RY008-NSS-D  | 09FC-RY008-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | LEAD          | 1             | Y           | J+            | J+           |           | 1                   | mg/kg | 146    | mg/kg |
| RY008-NSS-D  | 09FC-RY008-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | MAGNESIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 2470   | mg/kg |
| RY008-NSS-D  | 09FC-RY008-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | MANGANESE     | 1.5           | Y           |               |              |           | 1.5                 | mg/kg | 356    | mg/kg |
| RY008-NSS-D  | 09FC-RY008-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | NICKEL        | 4             | Y           |               |              |           | 4                   | mg/kg | 7.3    | mg/kg |
| RY008-NSS-D  | 09FC-RY008-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | POTASSIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 1400   | mg/kg |
| RY008-NSS-D  | 09FC-RY008-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SILVER        | 1             | N           | U             |              | U         | 1                   | mg/kg | 1      | mg/kg |
| RY008-NSS-D  | 09FC-RY008-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SODIUM        | 500           | N           | U             |              | U         | 500                 | mg/kg | 513    | mg/kg |
| RY008-NSS-D  | 09FC-RY008-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY008-NSS-D  | 09FC-RY008-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ANTIMONY      | 6             | Y           | J             |              | J         | 6                   | mg/kg | 2.1    | mg/kg |
| RY008-NSS-D  | 09FC-RY008-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ARSENIC       | 1             | Y           |               |              |           | 1                   | mg/kg | 7.2    | mg/kg |
| RY008-NSS-D  | 09FC-RY008-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | BARIUM        | 20            | Y           |               |              |           | 20                  | mg/kg | 133    | mg/kg |
| RY008-NSS-D  | 09FC-RY008-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | BERYLLIUM     | 0.5           | Y           | J             |              | J         | 0.5                 | mg/kg | 0.21   | mg/kg |
| RY008-NSS-D  | 09FC-RY008-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CADMIUM       | 0.5           | Y           |               |              |           | 0.5                 | mg/kg | 0.63   | mg/kg |
| RY008-NSS-D  | 09FC-RY008-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CHROMIUM      | 1             | Y           |               |              |           | 1                   | mg/kg | 10.1   | mg/kg |
| RY008-NSS-D  | 09FC-RY008-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | COBALT        | 5             | Y           | J             |              | J         | 5                   | mg/kg | 4.9    | mg/kg |
| RY008-NSS-D  | 09FC-RY008-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | COPPER        | 2.5           | Y           |               |              |           | 2.5                 | mg/kg | 22.3   | mg/kg |
| RY008-NSS-D  | 09FC-RY008-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | VANADIUM      | 5             | Y           |               |              |           | 5                   | mg/kg | 14.5   | mg/kg |
| RY008-NSS-D  | 09FC-RY008-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ZINC          | 6             | Y           |               |              |           | 6                   | mg/kg | 142    | mg/kg |
| RY008-NSS-D  | 09FC-RY008-NSS-D-000002 | 8/4/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CALCIUM       | 500           | Y           |               |              |           | 500                 | mg/kg | 2980   | mg/kg |
| RY061-NSS-F  | 09FC-RY061-NSS-F-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | COBALT        | 5             | Y           | J             |              | J         | 5                   | mg/kg | 5      | mg/kg |
| RY061-NSS-F  | 09FC-RY061-NSS-F-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | COPPER        | 2.5           | Y           | J             | J            |           | 2.5                 | mg/kg | 37     | mg/kg |
| RY061-NSS-F  | 09FC-RY061-NSS-F-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | VANADIUM      | 5             | Y           |               |              |           | 5                   | mg/kg | 12.8   | mg/kg |
| RY061-NSS-F  | 09FC-RY061-NSS-F-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ZINC          | 6             | Y           | J             | J            |           | 6                   | mg/kg | 374    | mg/kg |
| RY061-NSS-F  | 09FC-RY061-NSS-F-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | CALCIUM       | 500           | Y           | J             | J            |           | 500                 | mg/kg | 11400  | mg/kg |
| RY061-NSS-F  | 09FC-RY061-NSS-F-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | SELENIUM      | 3.5           | N           | U             |              | U         | 3.5                 | mg/kg | 3.7    | mg/kg |
| RY062-NSS-A  | 09FC-RY062-NSS-A-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ALUMINUM      | 20            | Y           | J             | J            |           | 20                  | mg/kg | 5570   | mg/kg |
| RY062-NSS-A  | 09FC-RY062-NSS-A-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | IRON          | 10            | Y           | J             | J            |           | 10                  | mg/kg | 9090   | mg/kg |
| RY062-NSS-A  | 09FC-RY062-NSS-A-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | LEAD          | 1             | Y           | J             | J            |           | 1                   | mg/kg | 32.8   | mg/kg |
| RY062-NSS-A  | 09FC-RY062-NSS-A-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 2390   | mg/kg |
| RY062-NSS-A  | 09FC-RY062-NSS-A-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | MANGANESE     | 1.5           | Y           | J-            | J-           |           | 1.5                 | mg/kg | 298    | mg/kg |
| RY062-NSS-A  | 09FC-RY062-NSS-A-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | NICKEL        | 4             | Y           |               |              |           | 4                   | mg/kg | 5.9    | mg/kg |
| RY062-NSS-A  | 09FC-RY062-NSS-A-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | POTASSIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 872    | mg/kg |
| RY062-NSS-A  | 09FC-RY062-NSS-A-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | SILVER        | 1             | N           | UJ            | UJ           | U         | 1                   | mg/kg | 0.99   | mg/kg |
| RY062-NSS-A  | 09FC-RY062-NSS-A-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | SODIUM        | 500           | Y           | U             | U            | J         | 500                 | mg/kg | 500    | mg/kg |
| RY062-NSS-A  | 09FC-RY062-NSS-A-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.5    | mg/kg |
| RY062-NSS-A  | 09FC-RY062-NSS-A-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ANTIMONY      | 6             | Y           | U             | U            | J         | 6                   | mg/kg | 6      | mg/kg |
| RY062-NSS-A  | 09FC-RY062-NSS-A-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ARSENIC       | 1             | Y           | J             | J            |           | 1                   | mg/kg | 3.3    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                         |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY062-NSS-A  | 09FC-RY062-NSS-A-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | BARIUM        | 20            | Y           | J-            | J-           |           | 20                  | mg/kg | 96.9   | mg/kg |
| RY062-NSS-A  | 09FC-RY062-NSS-A-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | BERYLLIUM     | 0.5           | Y           | U             | U            | J         | 0.5                 | mg/kg | 0.5    | mg/kg |
| RY062-NSS-A  | 09FC-RY062-NSS-A-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | CADMIUM       | 0.5           | Y           | U             | U            | J         | 0.5                 | mg/kg | 0.5    | mg/kg |
| RY062-NSS-A  | 09FC-RY062-NSS-A-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | CHROMIUM      | 1             | Y           | J             | J            |           | 1                   | mg/kg | 7.2    | mg/kg |
| RY062-NSS-A  | 09FC-RY062-NSS-A-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | COBALT        | 5             | Y           | J             |              | J         | 5                   | mg/kg | 3.9    | mg/kg |
| RY062-NSS-A  | 09FC-RY062-NSS-A-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | COPPER        | 2.5           | Y           | J             | J            |           | 2.5                 | mg/kg | 7.3    | mg/kg |
| RY062-NSS-A  | 09FC-RY062-NSS-A-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | VANADIUM      | 5             | Y           |               |              |           | 5                   | mg/kg | 11.9   | mg/kg |
| RY062-NSS-A  | 09FC-RY062-NSS-A-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ZINC          | 6             | Y           | J             | J            |           | 6                   | mg/kg | 50     | mg/kg |
| RY062-NSS-A  | 09FC-RY062-NSS-A-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | CALCIUM       | 500           | Y           | J             | J            |           | 500                 | mg/kg | 2400   | mg/kg |
| RY062-NSS-A  | 09FC-RY062-NSS-A-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | SELENIUM      | 3.5           | N           | U             |              | U         | 3.5                 | mg/kg | 3.5    | mg/kg |
| RY062-NSS-D  | 09FC-RY062-NSS-D-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ALUMINUM      | 20            | Y           | J             | J            |           | 20                  | mg/kg | 3770   | mg/kg |
| RY062-NSS-D  | 09FC-RY062-NSS-D-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | IRON          | 10            | Y           | J             | J            |           | 10                  | mg/kg | 10100  | mg/kg |
| RY062-NSS-D  | 09FC-RY062-NSS-D-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | LEAD          | 1             | Y           | J             | J            |           | 1                   | mg/kg | 205    | mg/kg |
| RY062-NSS-D  | 09FC-RY062-NSS-D-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 3150   | mg/kg |
| RY062-NSS-D  | 09FC-RY062-NSS-D-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | MANGANESE     | 1.5           | Y           | J-            | J-           |           | 1.5                 | mg/kg | 203    | mg/kg |
| RY062-NSS-D  | 09FC-RY062-NSS-D-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | NICKEL        | 4             | Y           |               |              |           | 4                   | mg/kg | 9.4    | mg/kg |
| RY062-NSS-D  | 09FC-RY062-NSS-D-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | POTASSIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 1100   | mg/kg |
| RY062-NSS-D  | 09FC-RY062-NSS-D-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | SILVER        | 1             | Y           | J+            | J+           | J         | 1                   | mg/kg | 0.17   | mg/kg |
| RY062-NSS-D  | 09FC-RY062-NSS-D-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | SODIUM        | 500           | Y           | U             | U            | J         | 500                 | mg/kg | 500    | mg/kg |
| RY062-NSS-D  | 09FC-RY062-NSS-D-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.4    | mg/kg |
| RY062-NSS-D  | 09FC-RY062-NSS-D-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ANTIMONY      | 6             | Y           | U             | U            | J         | 6                   | mg/kg | 6      | mg/kg |
| RY062-NSS-D  | 09FC-RY062-NSS-D-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ARSENIC       | 1             | Y           | J             | J            |           | 1                   | mg/kg | 9.6    | mg/kg |
| RY062-NSS-D  | 09FC-RY062-NSS-D-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | BARIUM        | 20            | Y           | J-            | J-           |           | 20                  | mg/kg | 61.1   | mg/kg |
| RY062-NSS-D  | 09FC-RY062-NSS-D-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | BERYLLIUM     | 0.5           | Y           | U             | U            | J         | 0.5                 | mg/kg | 0.5    | mg/kg |
| RY062-NSS-D  | 09FC-RY062-NSS-D-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | CADMIUM       | 0.5           | Y           |               |              |           | 0.5                 | mg/kg | 1.1    | mg/kg |
| RY062-NSS-D  | 09FC-RY062-NSS-D-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | CHROMIUM      | 1             | Y           | J             | J            |           | 1                   | mg/kg | 6.9    | mg/kg |
| RY062-NSS-D  | 09FC-RY062-NSS-D-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | COBALT        | 5             | Y           | J             |              | J         | 5                   | mg/kg | 4.7    | mg/kg |
| RY062-NSS-D  | 09FC-RY062-NSS-D-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | COPPER        | 2.5           | Y           | J             | J            |           | 2.5                 | mg/kg | 13.2   | mg/kg |
| RY062-NSS-D  | 09FC-RY062-NSS-D-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | VANADIUM      | 5             | Y           |               |              |           | 5                   | mg/kg | 7.4    | mg/kg |
| RY062-NSS-D  | 09FC-RY062-NSS-D-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ZINC          | 6             | Y           | J             | J            |           | 6                   | mg/kg | 89.7   | mg/kg |
| RY062-NSS-D  | 09FC-RY062-NSS-D-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | CALCIUM       | 500           | Y           | J             | J            |           | 500                 | mg/kg | 4020   | mg/kg |
| RY062-NSS-D  | 09FC-RY062-NSS-D-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | SELENIUM      | 3.5           | N           | U             |              | U         | 3.5                 | mg/kg | 3.4    | mg/kg |
| RY074-NSB-A  | 09FC-RY074-NSB-A-006012 | 8/17/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ALUMINUM      | 20            | Y           | J             | J            |           | 20                  | mg/kg | 5850   | mg/kg |
| RY074-NSB-A  | 09FC-RY074-NSB-A-006012 | 8/17/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | IRON          | 10            | Y           | J             | J            |           | 10                  | mg/kg | 9640   | mg/kg |
| RY074-NSB-A  | 09FC-RY074-NSB-A-006012 | 8/17/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | LEAD          | 1             | Y           | J             | J            |           | 1                   | mg/kg | 64.2   | mg/kg |
| RY074-NSB-A  | 09FC-RY074-NSB-A-006012 | 8/17/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 3770   | mg/kg |
| RY074-NSB-A  | 09FC-RY074-NSB-A-006012 | 8/17/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | MANGANESE     | 1.5           | Y           | J-            | J-           |           | 1.5                 | mg/kg | 278    | mg/kg |
| RY074-NSB-A  | 09FC-RY074-NSB-A-006012 | 8/17/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | NICKEL        | 4             | Y           |               |              |           | 4                   | mg/kg | 7.2    | mg/kg |
| RY074-NSB-A  | 09FC-RY074-NSB-A-006012 | 8/17/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | POTASSIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 1040   | mg/kg |
| RY074-NSB-A  | 09FC-RY074-NSB-A-006012 | 8/17/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | SILVER        | 1             | Y           | J+            | J+           | J         | 1                   | mg/kg | 0.77   | mg/kg |
| RY074-NSB-A  | 09FC-RY074-NSB-A-006012 | 8/17/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | SODIUM        | 500           | Y           | U             | U            | J         | 500                 | mg/kg | 500    | mg/kg |
| RY074-NSB-A  | 09FC-RY074-NSB-A-006012 | 8/17/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 3      | mg/kg |
| RY074-NSB-A  | 09FC-RY074-NSB-A-006012 | 8/17/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ANTIMONY      | 6             | Y           | U             | U            | J         | 6                   | mg/kg | 6      | mg/kg |
| RY074-NSB-A  | 09FC-RY074-NSB-A-006012 | 8/17/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ARSENIC       | 1             | Y           | J             | J            |           | 1                   | mg/kg | 10.8   | mg/kg |
| RY074-NSB-A  | 09FC-RY074-NSB-A-006012 | 8/17/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | BARIUM        | 20            | Y           | J-            | J-           |           | 20                  | mg/kg | 91.3   | mg/kg |
| RY074-NSB-A  | 09FC-RY074-NSB-A-006012 | 8/17/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | BERYLLIUM     | 0.5           | Y           | U             | U            | J         | 0.5                 | mg/kg | 0.5    | mg/kg |
| RY074-NSB-A  | 09FC-RY074-NSB-A-006012 | 8/17/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | CADMIUM       | 0.5           | Y           |               |              |           | 0.5                 | mg/kg | 0.77   | mg/kg |
| RY074-NSB-A  | 09FC-RY074-NSB-A-006012 | 8/17/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | CHROMIUM      | 1             | Y           | J             | J            |           | 1                   | mg/kg | 7.1    | mg/kg |

## Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                         |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY074-NSB-A  | 09FC-RY074-NSB-A-006012 | 8/17/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | COBALT        | 5             | Y           | J             |              | J         | 5                   | mg/kg | 4.2    | mg/kg |
| RY074-NSB-A  | 09FC-RY074-NSB-A-006012 | 8/17/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | COPPER        | 2.5           | Y           | J             | J            |           | 2.5                 | mg/kg | 22.1   | mg/kg |
| RY074-NSB-A  | 09FC-RY074-NSB-A-006012 | 8/17/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | VANADIUM      | 5             | Y           |               |              |           | 5                   | mg/kg | 10     | mg/kg |
| RY074-NSB-A  | 09FC-RY074-NSB-A-006012 | 8/17/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ZINC          | 6             | Y           | J             | J            |           | 6                   | mg/kg | 11.1   | mg/kg |
| RY074-NSB-A  | 09FC-RY074-NSB-A-006012 | 8/17/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | CALCIUM       | 500           | Y           | J             | J            |           | 500                 | mg/kg | 3510   | mg/kg |
| RY074-NSB-A  | 09FC-RY074-NSB-A-006012 | 8/17/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | SELENIUM      | 3.5           | N           | U             |              | U         | 3.5                 | mg/kg | 4.2    | mg/kg |
| RY082-NSB-A  | 09FC-RY082-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | ALUMINUM      | 20            | Y           | J             | J            |           | 20                  | mg/kg | 4320   | mg/kg |
| RY082-NSB-A  | 09FC-RY082-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | IRON          | 10            | Y           | J             | J            |           | 10                  | mg/kg | 10400  | mg/kg |
| RY082-NSB-A  | 09FC-RY082-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | LEAD          | 1             | Y           | J             | J            |           | 1                   | mg/kg | 177    | mg/kg |
| RY082-NSB-A  | 09FC-RY082-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 4410   | mg/kg |
| RY082-NSB-A  | 09FC-RY082-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | MANGANESE     | 1.5           | Y           | J-            | J-           |           | 1.5                 | mg/kg | 318    | mg/kg |
| RY082-NSB-A  | 09FC-RY082-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | NICKEL        | 4             | Y           |               |              |           | 4                   | mg/kg | 7.6    | mg/kg |
| RY082-NSB-A  | 09FC-RY082-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | POTASSIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 955    | mg/kg |
| RY082-NSB-A  | 09FC-RY082-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | SILVER        | 1             | Y           | J+            | J+           |           | 1                   | mg/kg | 1.1    | mg/kg |
| RY082-NSB-A  | 09FC-RY082-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | SODIUM        | 500           | Y           | U             | U            | J         | 500                 | mg/kg | 500    | mg/kg |
| RY082-NSB-A  | 09FC-RY082-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY082-NSB-A  | 09FC-RY082-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | ANTIMONY      | 6             | Y           |               |              |           | 6                   | mg/kg | 19.2   | mg/kg |
| RY082-NSB-A  | 09FC-RY082-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | ARSENIC       | 1             | Y           | J             | J            |           | 1                   | mg/kg | 34.2   | mg/kg |
| RY082-NSB-A  | 09FC-RY082-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | BARIUM        | 20            | Y           | J-            | J-           |           | 20                  | mg/kg | 63.4   | mg/kg |
| RY082-NSB-A  | 09FC-RY082-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | BERYLLIUM     | 0.5           | Y           | U             | U            | J         | 0.5                 | mg/kg | 0.5    | mg/kg |
| RY082-NSB-A  | 09FC-RY082-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | CADMIUM       | 0.5           | Y           |               |              |           | 0.5                 | mg/kg | 1.8    | mg/kg |
| RY082-NSB-A  | 09FC-RY082-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | CHROMIUM      | 1             | Y           | J             | J            |           | 1                   | mg/kg | 5.6    | mg/kg |
| RY082-NSB-A  | 09FC-RY082-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | COBALT        | 5             | Y           | J             |              | J         | 5                   | mg/kg | 4.2    | mg/kg |
| RY082-NSB-A  | 09FC-RY082-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | COPPER        | 2.5           | Y           | J             | J            |           | 2.5                 | mg/kg | 15.2   | mg/kg |
| RY082-NSB-A  | 09FC-RY082-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | VANADIUM      | 5             | Y           |               |              |           | 5                   | mg/kg | 8.2    | mg/kg |
| RY082-NSB-A  | 09FC-RY082-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | ZINC          | 6             | Y           | J             | J            |           | 6                   | mg/kg | 271    | mg/kg |
| RY082-NSB-A  | 09FC-RY082-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | CALCIUM       | 500           | Y           | J             | J            |           | 500                 | mg/kg | 11800  | mg/kg |
| RY082-NSB-A  | 09FC-RY082-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | SELENIUM      | 3.5           | N           | U             |              | U         | 3.5                 | mg/kg | 3.6    | mg/kg |
| RY082-NSB-A  | 09FC-RY082-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ALUMINUM      | 20            | Y           | J             | J            |           | 20                  | mg/kg | 4540   | mg/kg |
| RY082-NSB-A  | 09FC-RY082-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | IRON          | 10            | Y           | J             | J            |           | 10                  | mg/kg | 10500  | mg/kg |
| RY082-NSB-A  | 09FC-RY082-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | LEAD          | 1             | Y           | J             | J            |           | 1                   | mg/kg | 109    | mg/kg |
| RY082-NSB-A  | 09FC-RY082-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 5580   | mg/kg |
| RY082-NSB-A  | 09FC-RY082-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | MANGANESE     | 1.5           | Y           | J-            | J-           |           | 1.5                 | mg/kg | 302    | mg/kg |
| RY082-NSB-A  | 09FC-RY082-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | NICKEL        | 4             | Y           |               |              |           | 4                   | mg/kg | 8.1    | mg/kg |
| RY082-NSB-A  | 09FC-RY082-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | POTASSIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 1140   | mg/kg |
| RY082-NSB-A  | 09FC-RY082-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | SILVER        | 1             | Y           | J+            | J+           | J         | 1                   | mg/kg | 0.64   | mg/kg |
| RY082-NSB-A  | 09FC-RY082-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | SODIUM        | 500           | Y           | U             | U            | J         | 500                 | mg/kg | 500    | mg/kg |
| RY082-NSB-A  | 09FC-RY082-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.1    | mg/kg |
| RY082-NSB-A  | 09FC-RY082-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ANTIMONY      | 6             | Y           |               |              |           | 6                   | mg/kg | 10.9   | mg/kg |
| RY082-NSB-A  | 09FC-RY082-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ARSENIC       | 1             | Y           | J             | J            |           | 1                   | mg/kg | 23.6   | mg/kg |
| RY082-NSB-A  | 09FC-RY082-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | BARIUM        | 20            | Y           | J-            | J-           |           | 20                  | mg/kg | 63.6   | mg/kg |
| RY082-NSB-A  | 09FC-RY082-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | BERYLLIUM     | 0.5           | Y           | U             | U            | J         | 0.5                 | mg/kg | 0.5    | mg/kg |
| RY082-NSB-A  | 09FC-RY082-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | CADMIUM       | 0.5           | Y           |               |              |           | 0.5                 | mg/kg | 1.3    | mg/kg |
| RY082-NSB-A  | 09FC-RY082-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | CHROMIUM      | 1             | Y           | J             | J            |           | 1                   | mg/kg | 6.2    | mg/kg |
| RY082-NSB-A  | 09FC-RY082-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | COBALT        | 5             | Y           |               |              |           | 5                   | mg/kg | 4.8    | mg/kg |
| RY082-NSB-A  | 09FC-RY082-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | COPPER        | 2.5           | Y           | J             | J            |           | 2.5                 | mg/kg | 14.6   | mg/kg |
| RY082-NSB-A  | 09FC-RY082-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | VANADIUM      | 5             | Y           |               |              |           | 5                   | mg/kg | 8.3    | mg/kg |
| RY082-NSB-A  | 09FC-RY082-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ZINC          | 6             | Y           | J             | J            |           | 6                   | mg/kg | 165    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                         |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY082-NSB-A  | 09FC-RY082-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | CALCIUM       | 500           | Y           | J             | J            |           | 500           | mg/kg | 14700  | mg/kg |
| RY082-NSB-A  | 09FC-RY082-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | SELENIUM      | 3.5           | N           | U             |              | U         | 3.5           | mg/kg | 2.9    | mg/kg |
| RY082-NSS-A  | 09FC-RY082-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ALUMINUM      | 20            | Y           | J             | J            |           | 20            | mg/kg | 4540   | mg/kg |
| RY082-NSS-A  | 09FC-RY082-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | IRON          | 10            | Y           | J             | J            |           | 10            | mg/kg | 10800  | mg/kg |
| RY082-NSS-A  | 09FC-RY082-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | LEAD          | 1             | Y           | J             | J            |           | 1             | mg/kg | 152    | mg/kg |
| RY082-NSS-A  | 09FC-RY082-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500           | mg/kg | 4510   | mg/kg |
| RY082-NSS-A  | 09FC-RY082-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | MANGANESE     | 1.5           | Y           | J-            | J-           |           | 1.5           | mg/kg | 329    | mg/kg |
| RY082-NSS-A  | 09FC-RY082-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | NICKEL        | 4             | Y           |               |              |           | 4             | mg/kg | 8.3    | mg/kg |
| RY082-NSS-A  | 09FC-RY082-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | POTASSIUM     | 500           | Y           | J             | J            |           | 500           | mg/kg | 1010   | mg/kg |
| RY082-NSS-A  | 09FC-RY082-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | SILVER        | 1             | Y           | J+            | J+           |           | 1             | mg/kg | 1.4    | mg/kg |
| RY082-NSS-A  | 09FC-RY082-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | SODIUM        | 500           | Y           | U             | U            | J         | 500           | mg/kg | 500    | mg/kg |
| RY082-NSS-A  | 09FC-RY082-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5           | mg/kg | 2.6    | mg/kg |
| RY082-NSS-A  | 09FC-RY082-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ANTIMONY      | 6             | Y           |               |              |           | 6             | mg/kg | 15.3   | mg/kg |
| RY082-NSS-A  | 09FC-RY082-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ARSENIC       | 1             | Y           | J             | J            |           | 1             | mg/kg | 35.7   | mg/kg |
| RY082-NSS-A  | 09FC-RY082-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | BARIUM        | 20            | Y           | J-            | J-           |           | 20            | mg/kg | 66.7   | mg/kg |
| RY082-NSS-A  | 09FC-RY082-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | BERYLLIUM     | 0.5           | Y           | U             | U            | J         | 0.5           | mg/kg | 0.5    | mg/kg |
| RY082-NSS-A  | 09FC-RY082-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | CADMIUM       | 0.5           | Y           |               |              |           | 0.5           | mg/kg | 1.5    | mg/kg |
| RY082-NSS-A  | 09FC-RY082-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | CHROMIUM      | 1             | Y           | J             | J            |           | 1             | mg/kg | 5.8    | mg/kg |
| RY082-NSS-A  | 09FC-RY082-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | COBALT        | 5             | Y           | J             |              | J         | 5             | mg/kg | 4.4    | mg/kg |
| RY082-NSS-A  | 09FC-RY082-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | COPPER        | 2.5           | Y           | J             | J            |           | 2.5           | mg/kg | 1.7    | mg/kg |
| RY082-NSS-A  | 09FC-RY082-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | VANADIUM      | 5             | Y           |               |              |           | 5             | mg/kg | 7.6    | mg/kg |
| RY082-NSS-A  | 09FC-RY082-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ZINC          | 6             | Y           | J             | J            |           | 6             | mg/kg | 221    | mg/kg |
| RY082-NSS-A  | 09FC-RY082-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | CALCIUM       | 500           | Y           | J             | J            |           | 500           | mg/kg | 13800  | mg/kg |
| RY082-NSS-A  | 09FC-RY082-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | SELENIUM      | 3.5           | N           | U             |              | U         | 3.5           | mg/kg | 3.6    | mg/kg |
| RY084-NSB-C  | 09FC-RY084-NSB-C-002006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | ALUMINUM      | 20            | Y           | J             | J            |           | 20            | mg/kg | 11500  | mg/kg |
| RY084-NSB-C  | 09FC-RY084-NSB-C-002006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | IRON          | 10            | Y           | J             | J            |           | 10            | mg/kg | 17100  | mg/kg |
| RY084-NSB-C  | 09FC-RY084-NSB-C-002006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | LEAD          | 1             | Y           | J             | J            |           | 1             | mg/kg | 1120   | mg/kg |
| RY084-NSB-C  | 09FC-RY084-NSB-C-002006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500           | mg/kg | 3050   | mg/kg |
| RY084-NSB-C  | 09FC-RY084-NSB-C-002006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | MANGANESE     | 1.5           | Y           | J-            | J-           |           | 1.5           | mg/kg | 698    | mg/kg |
| RY084-NSB-C  | 09FC-RY084-NSB-C-002006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | NICKEL        | 4             | Y           |               |              |           | 4             | mg/kg | 8.5    | mg/kg |
| RY084-NSB-C  | 09FC-RY084-NSB-C-002006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | POTASSIUM     | 500           | Y           | J             | J            |           | 500           | mg/kg | 1350   | mg/kg |
| RY084-NSB-C  | 09FC-RY084-NSB-C-002006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | SILVER        | 1             | Y           | J+            | J+           |           | 1             | mg/kg | 12.4   | mg/kg |
| RY084-NSB-C  | 09FC-RY084-NSB-C-002006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | SODIUM        | 500           | Y           | U             | U            | J         | 500           | mg/kg | 500    | mg/kg |
| RY084-NSB-C  | 09FC-RY084-NSB-C-002006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5           | mg/kg | 2.6    | mg/kg |
| RY084-NSB-C  | 09FC-RY084-NSB-C-002006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | ANTIMONY      | 6             | Y           |               |              |           | 6             | mg/kg | 90.2   | mg/kg |
| RY084-NSB-C  | 09FC-RY084-NSB-C-002006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | ARSENIC       | 1             | Y           | J             | J            |           | 1             | mg/kg | 116    | mg/kg |
| RY084-NSB-C  | 09FC-RY084-NSB-C-002006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | BARIUM        | 20            | Y           | J-            | J-           |           | 20            | mg/kg | 192    | mg/kg |
| RY084-NSB-C  | 09FC-RY084-NSB-C-002006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | BERYLLIUM     | 0.5           | Y           | J             |              | J         | 0.5           | mg/kg | 0.51   | mg/kg |
| RY084-NSB-C  | 09FC-RY084-NSB-C-002006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | CADMIUM       | 0.5           | Y           |               |              |           | 0.5           | mg/kg | 10.5   | mg/kg |
| RY084-NSB-C  | 09FC-RY084-NSB-C-002006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | CHROMIUM      | 1             | Y           | J             | J            |           | 1             | mg/kg | 7.2    | mg/kg |
| RY084-NSB-C  | 09FC-RY084-NSB-C-002006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | COBALT        | 5             | Y           |               |              |           | 5             | mg/kg | 5.5    | mg/kg |
| RY084-NSB-C  | 09FC-RY084-NSB-C-002006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | COPPER        | 2.5           | Y           | J             | J            |           | 2.5           | mg/kg | 16.2   | mg/kg |
| RY084-NSB-C  | 09FC-RY084-NSB-C-002006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | VANADIUM      | 5             | Y           |               |              |           | 5             | mg/kg | 16.5   | mg/kg |
| RY084-NSB-C  | 09FC-RY084-NSB-C-002006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | ZINC          | 6             | Y           | J             | J            |           | 6             | mg/kg | 1370   | mg/kg |
| RY084-NSB-C  | 09FC-RY084-NSB-C-002006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | CALCIUM       | 500           | Y           | J             | J            |           | 500           | mg/kg | 5220   | mg/kg |
| RY084-NSB-C  | 09FC-RY084-NSB-C-002006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | SELENIUM      | 3.5           | N           | U             |              | U         | 3.5           | mg/kg | 3.6    | mg/kg |
| RY084-NSB-C  | 09FC-RY084-NSB-C-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ALUMINUM      | 20            | Y           |               |              |           | 20            | mg/kg | 7280   | mg/kg |
| RY084-NSB-C  | 09FC-RY084-NSB-C-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | IRON          | 10            | Y           |               |              |           | 10            | mg/kg | 12600  | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY084-NSB-C  | 09FC-RY084-NSB-C-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | LEAD          | 1                   | Y           | J-            | J-           |           | 1                   | mg/kg | 441    | mg/kg |
| RY084-NSB-C  | 09FC-RY084-NSB-C-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2380   | mg/kg |
| RY084-NSB-C  | 09FC-RY084-NSB-C-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 539    | mg/kg |
| RY084-NSB-C  | 09FC-RY084-NSB-C-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 7.4    | mg/kg |
| RY084-NSB-C  | 09FC-RY084-NSB-C-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 995    | mg/kg |
| RY084-NSB-C  | 09FC-RY084-NSB-C-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | SILVER        | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 2.8    | mg/kg |
| RY084-NSB-C  | 09FC-RY084-NSB-C-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | SODIUM        | 500                 | Y           | U             | U            | J         | 500                 | mg/kg | 500    | mg/kg |
| RY084-NSB-C  | 09FC-RY084-NSB-C-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | THALLIUM      | 2.5                 | N           | UJ            | UJ           | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY084-NSB-C  | 09FC-RY084-NSB-C-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ANTIMONY      | 6                   | Y           |               |              |           | 6                   | mg/kg | 41.9   | mg/kg |
| RY084-NSB-C  | 09FC-RY084-NSB-C-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 273    | mg/kg |
| RY084-NSB-C  | 09FC-RY084-NSB-C-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | BARIUM        | 20                  | Y           | J-            | J-           |           | 20                  | mg/kg | 241    | mg/kg |
| RY084-NSB-C  | 09FC-RY084-NSB-C-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | BERYLLIUM     | 0.5                 | Y           | U             | U            | J         | 0.5                 | mg/kg | 0.5    | mg/kg |
| RY084-NSB-C  | 09FC-RY084-NSB-C-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 5.1    | mg/kg |
| RY084-NSB-C  | 09FC-RY084-NSB-C-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 6      | mg/kg |
| RY144-NSB-D  | 09FC-RY144-NSB-D-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 369    | mg/kg |
| RY144-NSB-D  | 09FC-RY144-NSB-D-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 85.2   | mg/kg |
| RY144-NSB-D  | 09FC-RY144-NSB-D-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | BERYLLIUM     | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.53   | mg/kg |
| RY144-NSB-D  | 09FC-RY144-NSB-D-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | CADMIUM       | 0.5                 | Y           | J             | J            |           | 0.5                 | mg/kg | 1.6    | mg/kg |
| RY144-NSB-D  | 09FC-RY144-NSB-D-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 5.1    | mg/kg |
| RY144-NSB-D  | 09FC-RY144-NSB-D-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | COBALT        | 5                   | Y           | U             | U            | J         | 5                   | mg/kg | 5      | mg/kg |
| RY144-NSB-D  | 09FC-RY144-NSB-D-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 14.5   | mg/kg |
| RY144-NSB-D  | 09FC-RY144-NSB-D-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 5.6    | mg/kg |
| RY144-NSB-D  | 09FC-RY144-NSB-D-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | ZINC          | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 260    | mg/kg |
| RY144-NSB-D  | 09FC-RY144-NSB-D-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 15200  | mg/kg |
| RY144-NSB-D  | 09FC-RY144-NSB-D-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.7    | mg/kg |
| RY144-NSB-D  | 09FC-RY144-NSB-D-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 5860   | mg/kg |
| RY144-NSB-D  | 09FC-RY144-NSB-D-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | IRON          | 10                  | Y           | R             | R            |           | 10                  | mg/kg | 13600  | mg/kg |
| RY144-NSB-D  | 09FC-RY144-NSB-D-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 637    | mg/kg |
| RY144-NSB-D  | 09FC-RY144-NSB-D-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | MAGNESIUM     | 500                 | Y           | J-            | J-           |           | 500                 | mg/kg | 5710   | mg/kg |
| RY144-NSB-D  | 09FC-RY144-NSB-D-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | MANGANESE     | 1.5                 | Y           | J-            | J-           |           | 1.5                 | mg/kg | 509    | mg/kg |
| RY144-NSB-D  | 09FC-RY144-NSB-D-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.2    | mg/kg |
| RY144-NSB-D  | 09FC-RY144-NSB-D-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1620   | mg/kg |
| RY144-NSB-D  | 09FC-RY144-NSB-D-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | SILVER        | 1                   | Y           | J-            | J-           |           | 1                   | mg/kg | 4.6    | mg/kg |
| RY144-NSB-D  | 09FC-RY144-NSB-D-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 103    | mg/kg |
| RY144-NSB-D  | 09FC-RY144-NSB-D-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.7    | mg/kg |
| RY144-NSB-D  | 09FC-RY144-NSB-D-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | ANTIMONY      | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 28.9   | mg/kg |
| RY144-NSB-D  | 09FC-RY144-NSB-D-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 106    | mg/kg |
| RY144-NSB-D  | 09FC-RY144-NSB-D-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 80.1   | mg/kg |
| RY144-NSB-D  | 09FC-RY144-NSB-D-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | BERYLLIUM     | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.53   | mg/kg |
| RY144-NSB-D  | 09FC-RY144-NSB-D-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | CADMIUM       | 0.5                 | Y           | J             | J            |           | 0.5                 | mg/kg | 3.4    | mg/kg |
| RY144-NSB-D  | 09FC-RY144-NSB-D-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 6      | mg/kg |
| RY144-NSB-D  | 09FC-RY144-NSB-D-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | COBALT        | 5                   | Y           | U             | U            | J         | 5                   | mg/kg | 5      | mg/kg |
| RY144-NSB-D  | 09FC-RY144-NSB-D-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 17.1   | mg/kg |
| RY144-NSB-D  | 09FC-RY144-NSB-D-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 5.9    | mg/kg |
| RY144-NSB-D  | 09FC-RY144-NSB-D-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | ZINC          | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 596    | mg/kg |
| RY144-NSB-D  | 09FC-RY144-NSB-D-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 18800  | mg/kg |
| RY144-NSB-D  | 09FC-RY144-NSB-D-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.7    | mg/kg |
| RY146-NSB-B  | 09FC-RY146-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 6110   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY146-NSB-B  | 09FC-RY146-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | IRON          | 10                  | Y           | R             | R            |           | 10                  | mg/kg | 10800  | mg/kg |
| RY146-NSB-B  | 09FC-RY146-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 375    | mg/kg |
| RY146-NSB-B  | 09FC-RY146-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | MAGNESIUM     | 500                 | Y           | J-            | J-           |           | 500                 | mg/kg | 4180   | mg/kg |
| RY146-NSB-B  | 09FC-RY146-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | MANGANESE     | 1.5                 | Y           | J-            | J-           |           | 1.5                 | mg/kg | 303    | mg/kg |
| RY146-NSB-B  | 09FC-RY146-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 7.9    | mg/kg |
| RY146-NSB-B  | 09FC-RY146-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1250   | mg/kg |
| RY146-NSB-B  | 09FC-RY146-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | SILVER        | 1                   | Y           | J-            | J-           |           | 1                   | mg/kg | 1.1    | mg/kg |
| RY146-NSB-B  | 09FC-RY146-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 126    | mg/kg |
| RY146-NSB-B  | 09FC-RY146-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY146-NSB-B  | 09FC-RY146-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | ANTIMONY      | 6                   | Y           | J-            | J-           | J         | 6                   | mg/kg | 3.4    | mg/kg |
| RY146-NSB-B  | 09FC-RY146-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 40.5   | mg/kg |
| RY146-NSB-B  | 09FC-RY146-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 95.7   | mg/kg |
| RY146-NSB-B  | 09FC-RY146-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | BERYLLIUM     | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.52   | mg/kg |
| RY146-NSB-B  | 09FC-RY146-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | CADMIUM       | 0.5                 | Y           | J             | J            |           | 0.5                 | mg/kg | 1.5    | mg/kg |
| RY146-NSB-B  | 09FC-RY146-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 7.7    | mg/kg |
| RY146-NSB-B  | 09FC-RY146-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 5.3    | mg/kg |
| RY146-NSB-B  | 09FC-RY146-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 32     | mg/kg |
| RY146-NSB-B  | 09FC-RY146-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 6.8    | mg/kg |
| RY146-NSB-B  | 09FC-RY146-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | ZINC          | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 254    | mg/kg |
| RY146-NSB-B  | 09FC-RY146-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 14900  | mg/kg |
| RY146-NSB-B  | 09FC-RY146-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.36   | mg/kg |
| RY146-NSB-B  | 09FC-RY146-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 4680   | mg/kg |
| RY146-NSB-B  | 09FC-RY146-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | IRON          | 10                  | Y           | R             | R            |           | 10                  | mg/kg | 10400  | mg/kg |
| RY146-NSB-B  | 09FC-RY146-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 275    | mg/kg |
| RY146-NSB-B  | 09FC-RY146-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | MAGNESIUM     | 500                 | Y           | J-            | J-           |           | 500                 | mg/kg | 4060   | mg/kg |
| RY146-NSB-B  | 09FC-RY146-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | MANGANESE     | 1.5                 | Y           | J-            | J-           |           | 1.5                 | mg/kg | 289    | mg/kg |
| RY146-NSB-B  | 09FC-RY146-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 8.7    | mg/kg |
| RY146-NSB-B  | 09FC-RY146-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 981    | mg/kg |
| RY146-NSB-B  | 09FC-RY146-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | SILVER        | 1                   | Y           | J-            | J-           |           | 1                   | mg/kg | 2      | mg/kg |
| RY146-NSB-B  | 09FC-RY146-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 91.3   | mg/kg |
| RY146-NSB-B  | 09FC-RY146-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY146-NSB-B  | 09FC-RY146-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | ANTIMONY      | 6                   | Y           | J-            | J-           | J         | 6                   | mg/kg | 6.1    | mg/kg |
| RY146-NSB-B  | 09FC-RY146-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 425    | mg/kg |
| RY146-NSB-B  | 09FC-RY146-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 72.7   | mg/kg |
| RY146-NSB-B  | 09FC-RY146-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | BERYLLIUM     | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.52   | mg/kg |
| RY146-NSB-B  | 09FC-RY146-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | CADMIUM       | 0.5                 | Y           | J             | J            |           | 0.5                 | mg/kg | 1.3    | mg/kg |
| RY146-NSB-B  | 09FC-RY146-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 4.9    | mg/kg |
| RY146-NSB-B  | 09FC-RY146-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 6.4    | mg/kg |
| RY146-NSB-B  | 09FC-RY146-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 25.7   | mg/kg |
| RY146-NSB-B  | 09FC-RY146-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | VANADIUM      | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 5.1    | mg/kg |
| RY146-NSB-B  | 09FC-RY146-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | ZINC          | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 208    | mg/kg |
| RY146-NSB-B  | 09FC-RY146-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 16900  | mg/kg |
| RY146-NSB-B  | 09FC-RY146-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.6    | mg/kg |
| RY148-NSB-B  | 09FC-RY148-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 6040   | mg/kg |
| RY148-NSB-B  | 09FC-RY148-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | IRON          | 10                  | Y           | R             | R            |           | 10                  | mg/kg | 24500  | mg/kg |
| RY148-NSB-B  | 09FC-RY148-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 3420   | mg/kg |
| RY148-NSB-B  | 09FC-RY148-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | MAGNESIUM     | 500                 | Y           | J-            | J-           |           | 500                 | mg/kg | 2430   | mg/kg |
| RY148-NSB-B  | 09FC-RY148-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | MANGANESE     | 1.5                 | Y           | J-            | J-           |           | 1.5                 | mg/kg | 1130   | mg/kg |



## Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY148-NSB-B  | 09FC-RY148-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | NICKEL        | 4                   | Y           | U             | U            | J         | 4                   | mg/kg | 4      | mg/kg |
| RY148-NSB-B  | 09FC-RY148-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 827    | mg/kg |
| RY148-NSB-B  | 09FC-RY148-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | SILVER        | 1                   | Y           | J-            | J-           |           | 1                   | mg/kg | 29.1   | mg/kg |
| RY148-NSB-B  | 09FC-RY148-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 51     | mg/kg |
| RY148-NSB-B  | 09FC-RY148-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.8    | mg/kg |
| RY148-NSB-B  | 09FC-RY148-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | ANTIMONY      | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 262    | mg/kg |
| RY148-NSB-B  | 09FC-RY148-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 695    | mg/kg |
| RY148-NSB-B  | 09FC-RY148-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 80.6   | mg/kg |
| RY148-NSB-B  | 09FC-RY148-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | BERYLLIUM     | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.55   | mg/kg |
| RY148-NSB-B  | 09FC-RY148-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | CADMIUM       | 0.5                 | Y           | J             | J            |           | 0.5                 | mg/kg | 3.4    | mg/kg |
| RY148-NSB-B  | 09FC-RY148-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 3.8    | mg/kg |
| RY148-NSB-B  | 09FC-RY148-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | COBALT        | 5                   | Y           | U             | U            | J         | 5                   | mg/kg | 5      | mg/kg |
| RY148-NSB-B  | 09FC-RY148-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 23.9   | mg/kg |
| RY148-NSB-B  | 09FC-RY148-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 6.7    | mg/kg |
| RY148-NSB-B  | 09FC-RY148-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | ZINC          | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 796    | mg/kg |
| RY148-NSB-B  | 09FC-RY148-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 1600   | mg/kg |
| RY148-NSB-B  | 09FC-RY148-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.9    | mg/kg |
| RY148-NSB-B  | 09FC-RY148-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 6680   | mg/kg |
| RY148-NSB-B  | 09FC-RY148-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | IRON          | 10                  | Y           | R             | R            |           | 10                  | mg/kg | 21600  | mg/kg |
| RY148-NSB-B  | 09FC-RY148-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 2730   | mg/kg |
| RY148-NSB-B  | 09FC-RY148-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | MAGNESIUM     | 500                 | Y           | J-            | J-           |           | 500                 | mg/kg | 2680   | mg/kg |
| RY148-NSB-B  | 09FC-RY148-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | MANGANESE     | 1.5                 | Y           | J-            | J-           |           | 1.5                 | mg/kg | 1630   | mg/kg |
| RY148-NSB-B  | 09FC-RY148-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 4.8    | mg/kg |
| RY148-NSB-B  | 09FC-RY148-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 991    | mg/kg |
| RY148-NSB-B  | 09FC-RY148-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | SILVER        | 1                   | Y           | J-            | J-           |           | 1                   | mg/kg | 16.1   | mg/kg |
| RY148-NSB-B  | 09FC-RY148-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 59     | mg/kg |
| RY148-NSB-B  | 09FC-RY148-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.8    | mg/kg |
| RY148-NSB-B  | 09FC-RY148-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | ANTIMONY      | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 161    | mg/kg |
| RY148-NSB-B  | 09FC-RY148-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 377    | mg/kg |
| RY148-NSB-B  | 09FC-RY148-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 159    | mg/kg |
| RY148-NSB-B  | 09FC-RY148-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | BERYLLIUM     | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.56   | mg/kg |
| RY148-NSB-B  | 09FC-RY148-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | CADMIUM       | 0.5                 | Y           | J             | J            |           | 0.5                 | mg/kg | 5.7    | mg/kg |
| RY148-NSB-B  | 09FC-RY148-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 4.3    | mg/kg |
| RY148-NSB-B  | 09FC-RY148-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 5.2    | mg/kg |
| RY148-NSB-B  | 09FC-RY148-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 20.3   | mg/kg |
| RY148-NSB-B  | 09FC-RY148-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 6.7    | mg/kg |
| RY148-NSB-B  | 09FC-RY148-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | ZINC          | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 810    | mg/kg |
| RY148-NSB-B  | 09FC-RY148-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 1870   | mg/kg |
| RY148-NSB-B  | 09FC-RY148-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.9    | mg/kg |
| RY148-NSB-C  | 09FC-RY148-NSB-C-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 7750   | mg/kg |
| RY148-NSB-C  | 09FC-RY148-NSB-C-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | IRON          | 10                  | Y           | R             | R            |           | 10                  | mg/kg | 12800  | mg/kg |
| RY148-NSB-C  | 09FC-RY148-NSB-C-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 476    | mg/kg |
| RY148-NSB-C  | 09FC-RY148-NSB-C-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | MAGNESIUM     | 500                 | Y           | J-            | J-           |           | 500                 | mg/kg | 3160   | mg/kg |
| RY148-NSB-C  | 09FC-RY148-NSB-C-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | MANGANESE     | 1.5                 | Y           | J-            | J-           |           | 1.5                 | mg/kg | 597    | mg/kg |
| RY148-NSB-C  | 09FC-RY148-NSB-C-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 5.8    | mg/kg |
| RY148-NSB-C  | 09FC-RY148-NSB-C-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1680   | mg/kg |
| RY148-NSB-C  | 09FC-RY148-NSB-C-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | SILVER        | 1                   | Y           | J-            | J-           |           | 1                   | mg/kg | 3.1    | mg/kg |
| RY148-NSB-C  | 09FC-RY148-NSB-C-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 185    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY148-NSB-C  | 09FC-RY148-NSB-C-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.9    | mg/kg |
| RY148-NSB-C  | 09FC-RY148-NSB-C-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | ANTIMONY      | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 32.5   | mg/kg |
| RY148-NSB-C  | 09FC-RY148-NSB-C-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 114    | mg/kg |
| RY148-NSB-C  | 09FC-RY148-NSB-C-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 149    | mg/kg |
| RY148-NSB-C  | 09FC-RY148-NSB-C-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | BERYLLIUM     | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.58   | mg/kg |
| RY148-NSB-C  | 09FC-RY148-NSB-C-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | CADMIUM       | 0.5                 | Y           | J             | J            |           | 0.5                 | mg/kg | 3.5    | mg/kg |
| RY148-NSB-C  | 09FC-RY148-NSB-C-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 7.9    | mg/kg |
| RY148-NSB-C  | 09FC-RY148-NSB-C-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | COBALT        | 5                   | Y           | U             | U            | J         | 5                   | mg/kg | 5      | mg/kg |
| RY148-NSB-C  | 09FC-RY148-NSB-C-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 20.2   | mg/kg |
| RY148-NSB-C  | 09FC-RY148-NSB-C-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 10.8   | mg/kg |
| RY148-NSB-C  | 09FC-RY148-NSB-C-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | ZINC          | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 658    | mg/kg |
| RY148-NSB-C  | 09FC-RY148-NSB-C-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 10400  | mg/kg |
| RY148-NSB-C  | 09FC-RY148-NSB-C-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 4.1    | mg/kg |
| RY148-NSB-C  | 09FC-RY148-NSB-C-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 6850   | mg/kg |
| RY148-NSB-C  | 09FC-RY148-NSB-C-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | IRON          | 10                  | Y           | R             | R            |           | 10                  | mg/kg | 10400  | mg/kg |
| RY148-NSB-C  | 09FC-RY148-NSB-C-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 149    | mg/kg |
| RY148-NSB-C  | 09FC-RY148-NSB-C-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | MAGNESIUM     | 500                 | Y           | J-            | J-           |           | 500                 | mg/kg | 3650   | mg/kg |
| RY148-NSB-C  | 09FC-RY148-NSB-C-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | MANGANESE     | 1.5                 | Y           | J-            | J-           |           | 1.5                 | mg/kg | 440    | mg/kg |
| RY148-NSB-C  | 09FC-RY148-NSB-C-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6      | mg/kg |
| RY148-NSB-C  | 09FC-RY148-NSB-C-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1420   | mg/kg |
| RY148-NSB-C  | 09FC-RY148-NSB-C-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | SILVER        | 1                   | Y           | J-            | J-           |           | 1                   | mg/kg | 1.2    | mg/kg |
| RY148-NSB-C  | 09FC-RY148-NSB-C-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 91.8   | mg/kg |
| RY148-NSB-C  | 09FC-RY148-NSB-C-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.8    | mg/kg |
| RY148-NSB-C  | 09FC-RY148-NSB-C-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | ANTIMONY      | 6                   | Y           | J-            | J-           | J         | 6                   | mg/kg | 6.6    | mg/kg |
| RY148-NSB-C  | 09FC-RY148-NSB-C-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 17.2   | mg/kg |
| RY148-NSB-C  | 09FC-RY148-NSB-C-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 122    | mg/kg |
| RY148-NSB-C  | 09FC-RY148-NSB-C-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | BERYLLIUM     | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.56   | mg/kg |
| RY148-NSB-C  | 09FC-RY148-NSB-C-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | CADMIUM       | 0.5                 | Y           | J             | J            |           | 0.5                 | mg/kg | 1.7    | mg/kg |
| RY148-NSB-C  | 09FC-RY148-NSB-C-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 6.7    | mg/kg |
| RY148-NSB-C  | 09FC-RY148-NSB-C-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | COBALT        | 5                   | Y           | U             | U            | J         | 5                   | mg/kg | 5      | mg/kg |
| RY148-NSB-C  | 09FC-RY148-NSB-C-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 13.2   | mg/kg |
| RY148-NSB-C  | 09FC-RY148-NSB-C-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 8.1    | mg/kg |
| RY148-NSB-C  | 09FC-RY148-NSB-C-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | ZINC          | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 297    | mg/kg |
| RY148-NSB-C  | 09FC-RY148-NSB-C-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 4520   | mg/kg |
| RY148-NSB-C  | 09FC-RY148-NSB-C-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.41   | mg/kg |
| RY148-NSS-B  | 09FC-RY148-NSS-B-000002 | 8/26/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 5080   | mg/kg |
| RY148-NSS-B  | 09FC-RY148-NSS-B-000002 | 8/26/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 37900  | mg/kg |
| RY148-NSS-B  | 09FC-RY148-NSS-B-000002 | 8/26/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 4030   | mg/kg |
| RY148-NSS-B  | 09FC-RY148-NSS-B-000002 | 8/26/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | MAGNESIUM     | 500                 | Y           | J-            | J-           |           | 500                 | mg/kg | 1780   | mg/kg |
| RY148-NSS-B  | 09FC-RY148-NSS-B-000002 | 8/26/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | MANGANESE     | 1.5                 | Y           | J-            | J-           |           | 1.5                 | mg/kg | 2130   | mg/kg |
| RY148-NSS-B  | 09FC-RY148-NSS-B-000002 | 8/26/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | NICKEL        | 4                   | Y           | J             |              | J         | 4                   | mg/kg | 2.4    | mg/kg |
| RY148-NSS-B  | 09FC-RY148-NSS-B-000002 | 8/26/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | POTASSIUM     | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 552    | mg/kg |
| RY148-NSS-B  | 09FC-RY148-NSS-B-000002 | 8/26/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | SILVER        | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 36.5   | mg/kg |
| RY148-NSS-B  | 09FC-RY148-NSS-B-000002 | 8/26/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 51.5   | mg/kg |
| RY148-NSS-B  | 09FC-RY148-NSS-B-000002 | 8/26/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | THALLIUM      | 2.5                 | N           | UJ            | UJ           | U         | 2.5                 | mg/kg | 2.9    | mg/kg |
| RY148-NSS-B  | 09FC-RY148-NSS-B-000002 | 8/26/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | ANTIMONY      | 6                   | Y           |               |              |           | 6                   | mg/kg | 271    | mg/kg |
| RY386-A      | 10FC-RY386-A-006012     | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | IRON          | 7.0                 | Y           |               |              |           | 7.0                 | mg/kg | 16200  | mg/kg |
| RY386-A      | 10FC-RY386-A-006012     | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | LEAD          | 0.70                | Y           |               |              |           | 0.70                | mg/kg | 475    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY386-A      | 10FC-RY386-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 351           | Y           |               |              |           | 351           | mg/kg | 4350   | mg/kg |
| RY386-A      | 10FC-RY386-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | MANGANESE     | 1.1           | Y           |               |              |           | 1.1           | mg/kg | 521    | mg/kg |
| RY386-A      | 10FC-RY386-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | NICKEL        | 2.8           | Y           |               |              |           | 2.8           | mg/kg | 8.4    | mg/kg |
| RY386-A      | 10FC-RY386-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | POTASSIUM     | 351           | Y           |               |              |           | 351           | mg/kg | 1100   | mg/kg |
| RY386-A      | 10FC-RY386-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SILVER        | 0.70          | Y           |               |              |           | 0.70          | mg/kg | 2.5    | mg/kg |
| RY386-A      | 10FC-RY386-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SODIUM        | 351           | Y           | J             |              | J         | 351           | mg/kg | 343    | mg/kg |
| RY386-A      | 10FC-RY386-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | THALLIUM      | 1.8           | N           | U             |              | U         | 1.8           | mg/kg | 1.8    | mg/kg |
| RY386-A      | 10FC-RY386-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CHROMIUM      | 0.70          | Y           |               |              |           | 0.70          | mg/kg | 4      | mg/kg |
| RY386-A      | 10FC-RY386-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | COBALT        | 3.5           | Y           |               |              |           | 3.5           | mg/kg | 6.1    | mg/kg |
| RY386-A      | 10FC-RY386-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | COPPER        | 1.8           | Y           |               |              |           | 1.8           | mg/kg | 18.7   | mg/kg |
| RY386-A      | 10FC-RY386-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | VANADIUM      | 3.5           | Y           |               |              |           | 3.5           | mg/kg | 5.7    | mg/kg |
| RY386-A      | 10FC-RY386-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | ZINC          | 4.2           | Y           |               |              |           | 4.2           | mg/kg | 397    | mg/kg |
| RY386-A      | 10FC-RY386-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CALCIUM       | 3510          | Y           |               |              |           | 3510          | mg/kg | 28300  | mg/kg |
| RY386-A      | 10FC-RY386-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SELENIUM      | 2.5           | N           | U             |              | U         | 2.5           | mg/kg | 2.5    | mg/kg |
| RY386-B      | 10FC-RY386-B-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | ALUMINUM      | 13.0          | Y           |               |              |           | 13.0          | mg/kg | 4040   | mg/kg |
| RY386-B      | 10FC-RY386-B-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | ANTIMONY      | 3.9           | Y           |               |              |           | 3.9           | mg/kg | 11.5   | mg/kg |
| RY386-B      | 10FC-RY386-B-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | ARSENIC       | 0.65          | Y           |               |              |           | 0.65          | mg/kg | 191    | mg/kg |
| RY386-B      | 10FC-RY386-B-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | BARIUM        | 13.0          | Y           |               |              |           | 13.0          | mg/kg | 92     | mg/kg |
| RY386-B      | 10FC-RY386-B-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | BERYLLIUM     | 0.32          | Y           |               |              |           | 0.32          | mg/kg | 0.33   | mg/kg |
| RY386-B      | 10FC-RY386-B-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | CADMIUM       | 0.32          | Y           |               |              |           | 0.32          | mg/kg | 1.2    | mg/kg |
| RY386-B      | 10FC-RY386-B-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | IRON          | 6.5           | Y           |               |              |           | 6.5           | mg/kg | 17700  | mg/kg |
| RY386-B      | 10FC-RY386-B-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | LEAD          | 0.65          | Y           |               |              |           | 0.65          | mg/kg | 328    | mg/kg |
| RY386-B      | 10FC-RY386-B-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 324           | Y           |               |              |           | 324           | mg/kg | 4440   | mg/kg |
| RY386-B      | 10FC-RY386-B-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | MANGANESE     | 0.97          | Y           |               |              |           | 0.97          | mg/kg | 901    | mg/kg |
| RY386-B      | 10FC-RY386-B-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | NICKEL        | 2.6           | Y           |               |              |           | 2.6           | mg/kg | 11.2   | mg/kg |
| RY386-B      | 10FC-RY386-B-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | POTASSIUM     | 324           | Y           |               |              |           | 324           | mg/kg | 1190   | mg/kg |
| RY386-B      | 10FC-RY386-B-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | SILVER        | 0.65          | Y           |               |              |           | 0.65          | mg/kg | 7.4    | mg/kg |
| RY386-B      | 10FC-RY386-B-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | SODIUM        | 324           | Y           | J             |              | J         | 324           | mg/kg | 259    | mg/kg |
| RY386-B      | 10FC-RY386-B-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | THALLIUM      | 1.6           | N           | U             |              | U         | 1.6           | mg/kg | 1.6    | mg/kg |
| RY386-B      | 10FC-RY386-B-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | CHROMIUM      | 0.65          | Y           |               |              |           | 0.65          | mg/kg | 10.4   | mg/kg |
| RY386-B      | 10FC-RY386-B-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | COBALT        | 3.2           | Y           |               |              |           | 3.2           | mg/kg | 16.1   | mg/kg |
| RY386-B      | 10FC-RY386-B-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | COPPER        | 1.6           | Y           |               |              |           | 1.6           | mg/kg | 135    | mg/kg |
| RY386-B      | 10FC-RY386-B-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | VANADIUM      | 3.2           | Y           |               |              |           | 3.2           | mg/kg | 8.1    | mg/kg |
| RY386-B      | 10FC-RY386-B-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | ZINC          | 3.9           | Y           |               |              |           | 3.9           | mg/kg | 209    | mg/kg |
| RY386-B      | 10FC-RY386-B-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | CALCIUM       | 3240          | Y           |               |              |           | 3240          | mg/kg | 28300  | mg/kg |
| RY386-B      | 10FC-RY386-B-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | SELENIUM      | 2.3           | N           | U             |              | U         | 2.3           | mg/kg | 2.3    | mg/kg |
| RY386-D      | 10FC-RY386-D-006012 |             | N           | 6           | 12        | in         | C200.7          | 10/3/2010     | ALUMINUM      | 20.6          | Y           |               |              |           | 20.6          | mg/kg | 5580   | mg/kg |
| RY386-D      | 10FC-RY386-D-006012 |             | N           | 6           | 12        | in         | C200.7          | 10/3/2010     | ANTIMONY      | 6.2           | Y           | J             | J            | J         | 6.2           | mg/kg | 5.6    | mg/kg |
| RY386-D      | 10FC-RY386-D-006012 |             | N           | 6           | 12        | in         | C200.7          | 10/3/2010     | ARSENIC       | 1.0           | Y           |               |              |           | 1.0           | mg/kg | 16.1   | mg/kg |
| RY386-D      | 10FC-RY386-D-006012 |             | N           | 6           | 12        | in         | C200.7          | 10/3/2010     | BARIUM        | 20.6          | Y           |               |              |           | 20.6          | mg/kg | 82.8   | mg/kg |
| RY386-D      | 10FC-RY386-D-006012 |             | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | BERYLLIUM     | 0.51          | Y           | J             |              | J         | 0.51          | mg/kg | 0.29   | mg/kg |
| RY386-D      | 10FC-RY386-D-006012 |             | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CADMIUM       | 0.51          | Y           |               |              |           | 0.51          | mg/kg | 1.5    | mg/kg |
| RY386-D      | 10FC-RY386-D-006012 |             | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | IRON          | 10.3          | Y           | J             | J            |           | 10.3          | mg/kg | 10600  | mg/kg |
| RY386-D      | 10FC-RY386-D-006012 |             | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | LEAD          | 1.0           | Y           |               |              |           | 1.0           | mg/kg | 106    | mg/kg |
| RY386-D      | 10FC-RY386-D-006012 |             | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 515           | Y           |               |              |           | 515           | mg/kg | 3680   | mg/kg |
| RY386-D      | 10FC-RY386-D-006012 |             | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | MANGANESE     | 1.5           | Y           | J             | J            |           | 1.5           | mg/kg | 246    | mg/kg |
| RY386-D      | 10FC-RY386-D-006012 |             | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | NICKEL        | 4.1           | Y           |               |              |           | 4.1           | mg/kg | 8.5    | mg/kg |
| RY386-D      | 10FC-RY386-D-006012 |             | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | POTASSIUM     | 515           | Y           |               |              |           | 515           | mg/kg | 1260   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY386-D      | 10FC-RY386-D-006012 |             | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SILVER        | 1.0           | N           | U             |              | U         | 1.0                 | mg/kg | 1      | mg/kg |
| RY386-D      | 10FC-RY386-D-006012 |             | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SODIUM        | 515           | Y           | J             |              | J         | 515                 | mg/kg | 399    | mg/kg |
| RY386-D      | 10FC-RY386-D-006012 |             | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | THALLIUM      | 2.6           | N           | U             |              | U         | 2.6                 | mg/kg | 2.6    | mg/kg |
| RY386-D      | 10FC-RY386-D-006012 |             | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CHROMIUM      | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 4.8    | mg/kg |
| RY386-D      | 10FC-RY386-D-006012 |             | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | COBALT        | 5.1           | Y           |               |              |           | 5.1                 | mg/kg | 5.6    | mg/kg |
| RY386-D      | 10FC-RY386-D-006012 |             | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | COPPER        | 2.6           | Y           |               |              |           | 2.6                 | mg/kg | 17.1   | mg/kg |
| RY386-D      | 10FC-RY386-D-006012 |             | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | VANADIUM      | 5.1           | Y           | J             | J            |           | 5.1                 | mg/kg | 8.4    | mg/kg |
| RY386-D      | 10FC-RY386-D-006012 |             | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | ZINC          | 6.2           | Y           | J             | J            |           | 6.2                 | mg/kg | 231    | mg/kg |
| RY386-D      | 10FC-RY386-D-006012 |             | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CALCIUM       | 5150          | Y           | J             | J            |           | 5150                | mg/kg | 36800  | mg/kg |
| RY386-D      | 10FC-RY386-D-006012 |             | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SELENIUM      | 3.6           | N           | U             |              | U         | 3.6                 | mg/kg | 3.6    | mg/kg |
| RY398-B      | 10FC-RY398-B-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/3/2010     | ALUMINUM      | 21.3          | Y           |               |              |           | 21.3                | mg/kg | 6880   | mg/kg |
| RY398-B      | 10FC-RY398-B-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/3/2010     | ANTIMONY      | 6.4           | Y           | J             | J            |           | 6.4                 | mg/kg | 106    | mg/kg |
| RY398-B      | 10FC-RY398-B-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/3/2010     | ARSENIC       | 1.1           | Y           |               |              |           | 1.1                 | mg/kg | 201    | mg/kg |
| RY398-B      | 10FC-RY398-B-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/3/2010     | BARIUM        | 21.3          | Y           |               |              |           | 21.3                | mg/kg | 130    | mg/kg |
| RY398-B      | 10FC-RY398-B-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | IRON          | 10.7          | Y           | J             | J            |           | 10.7                | mg/kg | 19600  | mg/kg |
| RY398-B      | 10FC-RY398-B-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | LEAD          | 1.1           | Y           |               |              |           | 1.1                 | mg/kg | 1150   | mg/kg |
| RY398-B      | 10FC-RY398-B-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 533           | Y           |               |              |           | 533                 | mg/kg | 5660   | mg/kg |
| RY398-B      | 10FC-RY398-B-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | MANGANESE     | 1.6           | Y           | J             | J            |           | 1.6                 | mg/kg | 812    | mg/kg |
| RY398-B      | 10FC-RY398-B-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | NICKEL        | 4.3           | Y           |               |              |           | 4.3                 | mg/kg | 9.2    | mg/kg |
| RY398-B      | 10FC-RY398-B-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | POTASSIUM     | 533           | Y           |               |              |           | 533                 | mg/kg | 2030   | mg/kg |
| RY398-B      | 10FC-RY398-B-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SILVER        | 1.1           | Y           |               |              |           | 1.1                 | mg/kg | 4.8    | mg/kg |
| RY398-B      | 10FC-RY398-B-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SODIUM        | 533           | Y           | J             |              | J         | 533                 | mg/kg | 345    | mg/kg |
| RY398-B      | 10FC-RY398-B-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | THALLIUM      | 2.7           | N           | U             |              | U         | 2.7                 | mg/kg | 2.7    | mg/kg |
| RY398-B      | 10FC-RY398-B-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | BERYLLIUM     | 0.53          | Y           | J             |              | J         | 0.53                | mg/kg | 0.38   | mg/kg |
| RY398-B      | 10FC-RY398-B-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CADMIUM       | 0.53          | Y           |               |              |           | 0.53                | mg/kg | 9.6    | mg/kg |
| RY398-B      | 10FC-RY398-B-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CHROMIUM      | 1.1           | Y           |               |              |           | 1.1                 | mg/kg | 7.9    | mg/kg |
| RY398-B      | 10FC-RY398-B-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | COBALT        | 5.3           | Y           |               |              |           | 5.3                 | mg/kg | 6.2    | mg/kg |
| RY398-B      | 10FC-RY398-B-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | COPPER        | 2.7           | Y           |               |              |           | 2.7                 | mg/kg | 31.9   | mg/kg |
| RY398-B      | 10FC-RY398-B-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | VANADIUM      | 5.3           | Y           | J             | J            |           | 5.3                 | mg/kg | 8.8    | mg/kg |
| RY398-B      | 10FC-RY398-B-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | ZINC          | 6.4           | Y           | J             | J            |           | 6.4                 | mg/kg | 1880   | mg/kg |
| RY398-B      | 10FC-RY398-B-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CALCIUM       | 533           | Y           | J             | J            |           | 533                 | mg/kg | 18200  | mg/kg |
| RY398-B      | 10FC-RY398-B-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SELENIUM      | 3.7           | N           | U             |              | U         | 3.7                 | mg/kg | 3.7    | mg/kg |
| RY398-E      | 10FC-RY398-E-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/3/2010     | ALUMINUM      | 20.5          | Y           |               |              |           | 20.5                | mg/kg | 4470   | mg/kg |
| RY398-E      | 10FC-RY398-E-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/3/2010     | ANTIMONY      | 6.1           | Y           | J             | J            | J         | 6.1                 | mg/kg | 2      | mg/kg |
| RY398-E      | 10FC-RY398-E-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/3/2010     | ARSENIC       | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 10.4   | mg/kg |
| RY398-E      | 10FC-RY398-E-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/3/2010     | BARIUM        | 20.5          | Y           |               |              |           | 20.5                | mg/kg | 69.8   | mg/kg |
| RY398-E      | 10FC-RY398-E-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | IRON          | 10.2          | Y           | J             | J            |           | 10.2                | mg/kg | 12300  | mg/kg |
| RY398-E      | 10FC-RY398-E-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | LEAD          | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 66     | mg/kg |
| RY398-E      | 10FC-RY398-E-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 512           | Y           |               |              |           | 512                 | mg/kg | 4490   | mg/kg |
| RY398-E      | 10FC-RY398-E-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | MANGANESE     | 1.5           | Y           | J             | J            |           | 1.5                 | mg/kg | 415    | mg/kg |
| RY398-E      | 10FC-RY398-E-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | NICKEL        | 4.1           | Y           |               |              |           | 4.1                 | mg/kg | 9.2    | mg/kg |
| RY398-E      | 10FC-RY398-E-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | POTASSIUM     | 512           | Y           |               |              |           | 512                 | mg/kg | 1140   | mg/kg |
| RY398-E      | 10FC-RY398-E-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SILVER        | 1.0           | N           | U             |              | U         | 1.0                 | mg/kg | 1      | mg/kg |
| RY398-E      | 10FC-RY398-E-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SODIUM        | 512           | Y           | J             |              | J         | 512                 | mg/kg | 310    | mg/kg |
| RY398-E      | 10FC-RY398-E-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | THALLIUM      | 2.6           | N           | U             |              | U         | 2.6                 | mg/kg | 2.6    | mg/kg |
| RY398-E      | 10FC-RY398-E-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | BERYLLIUM     | 0.51          | Y           | J             |              | J         | 0.51                | mg/kg | 0.27   | mg/kg |
| RY398-E      | 10FC-RY398-E-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CADMIUM       | 0.51          | Y           |               |              |           | 0.51                | mg/kg | 0.62   | mg/kg |
| RY398-E      | 10FC-RY398-E-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CHROMIUM      | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 4.7    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY398-E      | 10FC-RY398-E-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | COBALT        | 5.1           | Y           |               |              |           | 5.1                 | mg/kg | 5.9    | mg/kg |
| RY398-E      | 10FC-RY398-E-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | COPPER        | 2.6           | Y           |               |              |           | 2.6                 | mg/kg | 14.2   | mg/kg |
| RY398-E      | 10FC-RY398-E-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | VANADIUM      | 5.1           | Y           | J             | J            |           | 5.1                 | mg/kg | 5.7    | mg/kg |
| RY398-E      | 10FC-RY398-E-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | ZINC          | 6.1           | Y           | J             | J            |           | 6.1                 | mg/kg | 105    | mg/kg |
| RY398-E      | 10FC-RY398-E-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CALCIUM       | 512           | Y           | J             | J            |           | 512                 | mg/kg | 18100  | mg/kg |
| RY398-E      | 10FC-RY398-E-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SELENIUM      | 3.6           | N           | U             |              | U         | 3.6                 | mg/kg | 3.6    | mg/kg |
| RY402-A      | 10FC-RY402-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/3/2010     | ALUMINUM      | 21.2          | Y           |               |              |           | 21.2                | mg/kg | 4280   | mg/kg |
| RY402-A      | 10FC-RY402-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | ANTIMONY      | 63.5          | Y           | J             | J            |           | 63.5                | mg/kg | 3460   | mg/kg |
| RY402-A      | 10FC-RY402-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | ARSENIC       | 1.1           | Y           |               |              |           | 1.1                 | mg/kg | 65.7   | mg/kg |
| RY402-A      | 10FC-RY402-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | BARIUM        | 21.2          | Y           |               |              |           | 21.2                | mg/kg | 99.1   | mg/kg |
| RY402-A      | 10FC-RY402-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | IRON          | 10.6          | Y           | J             | J            |           | 10.6                | mg/kg | 16300  | mg/kg |
| RY402-A      | 10FC-RY402-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | LEAD          | 10.6          | Y           |               |              |           | 10.6                | mg/kg | 13900  | mg/kg |
| RY402-A      | 10FC-RY402-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 529           | Y           |               |              |           | 529                 | mg/kg | 3500   | mg/kg |
| RY402-A      | 10FC-RY402-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | MANGANESE     | 1.6           | Y           | J             | J            |           | 1.6                 | mg/kg | 523    | mg/kg |
| RY402-A      | 10FC-RY402-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | NICKEL        | 4.2           | Y           |               |              |           | 4.2                 | mg/kg | 6.4    | mg/kg |
| RY402-A      | 10FC-RY402-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | POTASSIUM     | 529           | Y           |               |              |           | 529                 | mg/kg | 999    | mg/kg |
| RY402-A      | 10FC-RY402-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | SILVER        | 1.1           | Y           |               |              |           | 1.1                 | mg/kg | 166    | mg/kg |
| RY402-A      | 10FC-RY402-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | SODIUM        | 529           | Y           |               |              |           | 529                 | mg/kg | 690    | mg/kg |
| RY402-A      | 10FC-RY402-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | THALLIUM      | 2.6           | N           | U             |              | U         | 2.6                 | mg/kg | 2.6    | mg/kg |
| RY402-A      | 10FC-RY402-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | BERYLLIUM     | 0.53          | Y           | J             |              | J         | 0.53                | mg/kg | 0.29   | mg/kg |
| RY402-A      | 10FC-RY402-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | CADMIUM       | 0.53          | Y           |               |              |           | 0.53                | mg/kg | 47     | mg/kg |
| RY402-A      | 10FC-RY402-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | CHROMIUM      | 1.1           | Y           |               |              |           | 1.1                 | mg/kg | 4.5    | mg/kg |
| RY402-A      | 10FC-RY402-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | COBALT        | 5.3           | Y           | J             |              | J         | 5.3                 | mg/kg | 4.8    | mg/kg |
| RY402-A      | 10FC-RY402-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | COPPER        | 2.6           | Y           |               |              |           | 2.6                 | mg/kg | 246    | mg/kg |
| RY402-A      | 10FC-RY402-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | VANADIUM      | 5.3           | Y           | J             | J            |           | 5.3                 | mg/kg | 6.8    | mg/kg |
| RY402-A      | 10FC-RY402-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | ZINC          | 63.5          | Y           | J             | J            |           | 63.5                | mg/kg | 7880   | mg/kg |
| RY402-A      | 10FC-RY402-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | CALCIUM       | 529           | Y           | J             | J            |           | 529                 | mg/kg | 27200  | mg/kg |
| RY402-A      | 10FC-RY402-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | SELENIUM      | 3.7           | N           | U             |              | U         | 3.7                 | mg/kg | 3.7    | mg/kg |
| RY403-A      | 10FC-RY403-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/3/2010     | ALUMINUM      | 21.7          | Y           |               |              |           | 21.7                | mg/kg | 5850   | mg/kg |
| RY403-A      | 10FC-RY403-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/3/2010     | ANTIMONY      | 6.5           | Y           | J             | J            |           | 6.5                 | mg/kg | 13     | mg/kg |
| RY403-A      | 10FC-RY403-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/3/2010     | ARSENIC       | 1.1           | Y           |               |              |           | 1.1                 | mg/kg | 30.3   | mg/kg |
| RY403-A      | 10FC-RY403-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/3/2010     | BARIUM        | 21.7          | Y           |               |              |           | 21.7                | mg/kg | 105    | mg/kg |
| RY403-A      | 10FC-RY403-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | IRON          | 10.8          | Y           | J             | J            |           | 10.8                | mg/kg | 15500  | mg/kg |
| RY403-A      | 10FC-RY403-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | LEAD          | 1.1           | Y           |               |              |           | 1.1                 | mg/kg | 208    | mg/kg |
| RY403-A      | 10FC-RY403-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 542           | Y           |               |              |           | 542                 | mg/kg | 3340   | mg/kg |
| RY403-A      | 10FC-RY403-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | MANGANESE     | 1.6           | Y           | J             | J            |           | 1.6                 | mg/kg | 415    | mg/kg |
| RY403-A      | 10FC-RY403-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | NICKEL        | 4.3           | Y           |               |              |           | 4.3                 | mg/kg | 8.4    | mg/kg |
| RY403-A      | 10FC-RY403-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | POTASSIUM     | 542           | Y           |               |              |           | 542                 | mg/kg | 1070   | mg/kg |
| RY403-A      | 10FC-RY403-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | SILVER        | 1.1           | Y           | J             |              | J         | 1.1                 | mg/kg | 0.19   | mg/kg |
| RY403-A      | 10FC-RY403-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | SODIUM        | 542           | Y           | J             |              | J         | 542                 | mg/kg | 423    | mg/kg |
| RY403-A      | 10FC-RY403-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | THALLIUM      | 2.7           | N           | U             |              | U         | 2.7                 | mg/kg | 2.7    | mg/kg |
| RY403-A      | 10FC-RY403-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | BERYLLIUM     | 0.54          | Y           | J             |              | J         | 0.54                | mg/kg | 0.33   | mg/kg |
| RY403-A      | 10FC-RY403-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | CADMIUM       | 0.54          | Y           |               |              |           | 0.54                | mg/kg | 1.1    | mg/kg |
| RY403-A      | 10FC-RY403-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | CHROMIUM      | 1.1           | Y           |               |              |           | 1.1                 | mg/kg | 5      | mg/kg |
| RY403-A      | 10FC-RY403-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | COBALT        | 5.4           | Y           | J             |              | J         | 5.4                 | mg/kg | 5.3    | mg/kg |
| RY403-A      | 10FC-RY403-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | COPPER        | 2.7           | Y           |               |              |           | 2.7                 | mg/kg | 23.3   | mg/kg |
| RY403-A      | 10FC-RY403-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | VANADIUM      | 5.4           | Y           | J             | J            |           | 5.4                 | mg/kg | 7.8    | mg/kg |
| RY403-A      | 10FC-RY403-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | ZINC          | 6.5           | Y           | J             | J            |           | 6.5                 | mg/kg | 218    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY403-A      | 10FC-RY403-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | CALCIUM       | 542           | Y           | J             | J            |           | 542           | mg/kg | 6350   | mg/kg |
| RY403-A      | 10FC-RY403-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | SELENIUM      | 3.8           | N           | U             |              | U         | 3.8           | mg/kg | 3.8    | mg/kg |
| RY403-A      | 10FC-RY403-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/3/2010     | ALUMINUM      | 20.6          | Y           |               |              |           | 20.6          | mg/kg | 4230   | mg/kg |
| RY403-A      | 10FC-RY403-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/3/2010     | ANTIMONY      | 6.2           | Y           | J             | J            | J         | 6.2           | mg/kg | 5.6    | mg/kg |
| RY403-A      | 10FC-RY403-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/3/2010     | ARSENIC       | 1.0           | Y           |               |              |           | 1.0           | mg/kg | 15.9   | mg/kg |
| RY403-A      | 10FC-RY403-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/3/2010     | BARIUM        | 20.6          | Y           |               |              |           | 20.6          | mg/kg | 97.6   | mg/kg |
| RY403-A      | 10FC-RY403-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | IRON          | 10.3          | Y           |               |              |           | 10.3          | mg/kg | 14400  | mg/kg |
| RY403-A      | 10FC-RY403-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | LEAD          | 1.0           | Y           | J             | J            |           | 1.0           | mg/kg | 197    | mg/kg |
| RY403-A      | 10FC-RY403-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 515           | Y           |               |              |           | 515           | mg/kg | 3940   | mg/kg |
| RY403-A      | 10FC-RY403-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | MANGANESE     | 1.5           | Y           | J             | J            |           | 1.5           | mg/kg | 319    | mg/kg |
| RY403-A      | 10FC-RY403-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | NICKEL        | 4.1           | Y           |               |              |           | 4.1           | mg/kg | 10.4   | mg/kg |
| RY403-A      | 10FC-RY403-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | POTASSIUM     | 515           | Y           |               |              |           | 515           | mg/kg | 1140   | mg/kg |
| RY403-A      | 10FC-RY403-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SILVER        | 1.0           | N           | U             |              | U         | 1.0           | mg/kg | 1      | mg/kg |
| RY403-A      | 10FC-RY403-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SODIUM        | 515           | Y           |               |              |           | 515           | mg/kg | 523    | mg/kg |
| RY403-A      | 10FC-RY403-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | THALLIUM      | 2.6           | N           | U             |              | U         | 2.6           | mg/kg | 2.6    | mg/kg |
| RY403-A      | 10FC-RY403-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | BERYLLIUM     | 0.51          | Y           | J             |              | J         | 0.51          | mg/kg | 0.33   | mg/kg |
| RY403-A      | 10FC-RY403-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CADMIUM       | 0.51          | Y           |               |              |           | 0.51          | mg/kg | 1.6    | mg/kg |
| RY403-A      | 10FC-RY403-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CHROMIUM      | 1.0           | Y           |               |              |           | 1.0           | mg/kg | 12.3   | mg/kg |
| RY403-A      | 10FC-RY403-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | COBALT        | 5.1           | Y           | J             |              | J         | 5.1           | mg/kg | 4.7    | mg/kg |
| RY403-A      | 10FC-RY403-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | COPPER        | 2.6           | Y           |               |              |           | 2.6           | mg/kg | 52.9   | mg/kg |
| RY403-A      | 10FC-RY403-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | VANADIUM      | 5.1           | Y           | J             | J            |           | 5.1           | mg/kg | 7.6    | mg/kg |
| RY403-A      | 10FC-RY403-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | ZINC          | 6.2           | Y           | J             | J            |           | 6.2           | mg/kg | 253    | mg/kg |
| RY403-A      | 10FC-RY403-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CALCIUM       | 515           | Y           | J             | J            |           | 515           | mg/kg | 12100  | mg/kg |
| RY403-A      | 10FC-RY403-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SELENIUM      | 3.6           | N           | U             |              | U         | 3.6           | mg/kg | 3.6    | mg/kg |
| RY407-A      | 10FC-RY407-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/3/2010     | ALUMINUM      | 20.1          | Y           |               |              |           | 20.1          | mg/kg | 3660   | mg/kg |
| RY407-A      | 10FC-RY407-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/3/2010     | ANTIMONY      | 6.0           | Y           | J             | J            |           | 6.0           | mg/kg | 14.1   | mg/kg |
| RY407-A      | 10FC-RY407-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/3/2010     | ARSENIC       | 1.0           | Y           |               |              |           | 1.0           | mg/kg | 41.4   | mg/kg |
| RY407-A      | 10FC-RY407-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/3/2010     | BARIUM        | 20.1          | Y           |               |              |           | 20.1          | mg/kg | 46     | mg/kg |
| RY407-A      | 10FC-RY407-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | BERYLLIUM     | 0.50          | Y           | J             |              | J         | 0.50          | mg/kg | 0.26   | mg/kg |
| RY407-A      | 10FC-RY407-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CADMIUM       | 0.50          | Y           |               |              |           | 0.50          | mg/kg | 1.4    | mg/kg |
| RY594-A      | 10FC-RY594-A-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CALCIUM       | 322           | Y           |               |              |           | 322           | mg/kg | 2490   | mg/kg |
| RY594-A      | 10FC-RY594-A-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.3           | Y           | J             |              | J         | 2.3           | mg/kg | 2      | mg/kg |
| RY594-B      | 10FC-RY594-B-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ALUMINUM      | 13.0          | Y           |               |              |           | 13.0          | mg/kg | 12000  | mg/kg |
| RY594-B      | 10FC-RY594-B-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | IRON          | 6.5           | Y           |               |              |           | 6.5           | mg/kg | 12600  | mg/kg |
| RY594-B      | 10FC-RY594-B-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | LEAD          | 0.65          | Y           | J             | J            |           | 0.65          | mg/kg | 11.6   | mg/kg |
| RY594-B      | 10FC-RY594-B-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 326           | Y           |               |              |           | 326           | mg/kg | 3310   | mg/kg |
| RY594-B      | 10FC-RY594-B-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | MANGANESE     | 0.98          | Y           |               |              |           | 0.98          | mg/kg | 492    | mg/kg |
| RY594-B      | 10FC-RY594-B-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | NICKEL        | 2.6           | Y           |               |              |           | 2.6           | mg/kg | 8.3    | mg/kg |
| RY594-B      | 10FC-RY594-B-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | POTASSIUM     | 326           | Y           |               |              |           | 326           | mg/kg | 1560   | mg/kg |
| RY594-B      | 10FC-RY594-B-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SILVER        | 0.65          | N           | UJ            | UJ           | U         | 0.65          | mg/kg | 0.65   | mg/kg |
| RY594-B      | 10FC-RY594-B-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SODIUM        | 326           | Y           | J             |              | J         | 326           | mg/kg | 162    | mg/kg |
| RY594-B      | 10FC-RY594-B-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.6           | N           | U             |              | U         | 1.6           | mg/kg | 1.6    | mg/kg |
| RY594-B      | 10FC-RY594-B-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ANTIMONY      | 3.9           | Y           | J             |              | J         | 3.9           | mg/kg | 0.51   | mg/kg |
| RY594-B      | 10FC-RY594-B-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.65          | Y           |               |              |           | 0.65          | mg/kg | 4.4    | mg/kg |
| RY594-B      | 10FC-RY594-B-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | BARIUM        | 13.0          | Y           |               |              |           | 13.0          | mg/kg | 171    | mg/kg |
| RY594-B      | 10FC-RY594-B-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.33          | Y           |               |              |           | 0.33          | mg/kg | 0.49   | mg/kg |
| RY594-B      | 10FC-RY594-B-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.33          | Y           | J             |              | J         | 0.33          | mg/kg | 0.05   | mg/kg |
| RY594-B      | 10FC-RY594-B-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.65          | Y           | J             | J            |           | 0.65          | mg/kg | 6.5    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY594-B      | 10FC-RY594-B-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | COBALT        | 3.3                 | Y           |               |              |           | 3.3                 | mg/kg | 6.4    | mg/kg |
| RY594-B      | 10FC-RY594-B-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | COPPER        | 1.6                 | Y           |               |              |           | 1.6                 | mg/kg | 10.3   | mg/kg |
| RY594-B      | 10FC-RY594-B-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | VANADIUM      | 3.3                 | Y           |               |              |           | 3.3                 | mg/kg | 15     | mg/kg |
| RY594-B      | 10FC-RY594-B-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ZINC          | 3.9                 | Y           |               |              |           | 3.9                 | mg/kg | 28.9   | mg/kg |
| RY594-B      | 10FC-RY594-B-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CALCIUM       | 326                 | Y           |               |              |           | 326                 | mg/kg | 2370   | mg/kg |
| RY594-B      | 10FC-RY594-B-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.3                 | Y           | J             |              | J         | 2.3                 | mg/kg | 2.1    | mg/kg |
| RY594-B      | 10FC-RY594-B-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ALUMINUM      | 13.1                | Y           |               |              |           | 13.1                | mg/kg | 11400  | mg/kg |
| RY594-B      | 10FC-RY594-B-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | IRON          | 6.5                 | Y           |               |              |           | 6.5                 | mg/kg | 12600  | mg/kg |
| RY594-B      | 10FC-RY594-B-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | LEAD          | 0.65                | Y           | J             |              | J         | 0.65                | mg/kg | 10     | mg/kg |
| RY594-B      | 10FC-RY594-B-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 327                 | Y           |               |              |           | 327                 | mg/kg | 3110   | mg/kg |
| RY594-B      | 10FC-RY594-B-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | MANGANESE     | 0.98                | Y           |               |              |           | 0.98                | mg/kg | 437    | mg/kg |
| RY594-B      | 10FC-RY594-B-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | NICKEL        | 2.6                 | Y           |               |              |           | 2.6                 | mg/kg | 9      | mg/kg |
| RY594-B      | 10FC-RY594-B-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | POTASSIUM     | 327                 | Y           |               |              |           | 327                 | mg/kg | 1390   | mg/kg |
| RY594-B      | 10FC-RY594-B-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SILVER        | 0.65                | N           | UJ            |              | UJ        | 0.65                | mg/kg | 0.65   | mg/kg |
| RY594-B      | 10FC-RY594-B-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SODIUM        | 327                 | Y           | J             |              | J         | 327                 | mg/kg | 188    | mg/kg |
| RY594-B      | 10FC-RY594-B-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.6                 | N           | U             |              | U         | 1.6                 | mg/kg | 1.6    | mg/kg |
| RY594-B      | 10FC-RY594-B-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ANTIMONY      | 3.9                 | Y           | J             |              | J         | 3.9                 | mg/kg | 0.45   | mg/kg |
| RY594-B      | 10FC-RY594-B-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.65                | Y           |               |              |           | 0.65                | mg/kg | 4.7    | mg/kg |
| RY594-B      | 10FC-RY594-B-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | BARIUM        | 13.1                | Y           |               |              |           | 13.1                | mg/kg | 153    | mg/kg |
| RY594-B      | 10FC-RY594-B-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.33                | Y           |               |              |           | 0.33                | mg/kg | 0.51   | mg/kg |
| RY594-B      | 10FC-RY594-B-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.33                | Y           | J             |              | J         | 0.33                | mg/kg | 0.06   | mg/kg |
| RY594-B      | 10FC-RY594-B-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.65                | Y           | J             |              | J         | 0.65                | mg/kg | 6.2    | mg/kg |
| RY594-B      | 10FC-RY594-B-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | COBALT        | 3.3                 | Y           |               |              |           | 3.3                 | mg/kg | 6.2    | mg/kg |
| RY594-B      | 10FC-RY594-B-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | COPPER        | 1.6                 | Y           |               |              |           | 1.6                 | mg/kg | 11     | mg/kg |
| RY594-B      | 10FC-RY594-B-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | VANADIUM      | 3.3                 | Y           |               |              |           | 3.3                 | mg/kg | 13.9   | mg/kg |
| RY594-B      | 10FC-RY594-B-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ZINC          | 3.9                 | Y           |               |              |           | 3.9                 | mg/kg | 24.9   | mg/kg |
| RY594-B      | 10FC-RY594-B-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CALCIUM       | 327                 | Y           |               |              |           | 327                 | mg/kg | 2180   | mg/kg |
| RY594-B      | 10FC-RY594-B-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.3                 | Y           | J             |              | J         | 2.3                 | mg/kg | 1.9    | mg/kg |
| RY594-B      | 10FC-RY594-B-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ALUMINUM      | 12.1                | Y           |               |              |           | 12.1                | mg/kg | 11700  | mg/kg |
| RY594-B      | 10FC-RY594-B-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | IRON          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 12300  | mg/kg |
| RY594-B      | 10FC-RY594-B-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | LEAD          | 0.60                | Y           | J             |              | J         | 0.60                | mg/kg | 9.9    | mg/kg |
| RY594-B      | 10FC-RY594-B-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 302                 | Y           |               |              |           | 302                 | mg/kg | 3390   | mg/kg |
| RY594-B      | 10FC-RY594-B-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | MANGANESE     | 0.91                | Y           |               |              |           | 0.91                | mg/kg | 404    | mg/kg |
| RY594-B      | 10FC-RY594-B-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | NICKEL        | 2.4                 | Y           |               |              |           | 2.4                 | mg/kg | 9.1    | mg/kg |
| RY594-B      | 10FC-RY594-B-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | POTASSIUM     | 302                 | Y           |               |              |           | 302                 | mg/kg | 1430   | mg/kg |
| RY594-B      | 10FC-RY594-B-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SILVER        | 0.60                | N           | UJ            |              | UJ        | 0.60                | mg/kg | 0.6    | mg/kg |
| RY594-B      | 10FC-RY594-B-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SODIUM        | 302                 | Y           | J             |              | J         | 302                 | mg/kg | 169    | mg/kg |
| RY594-B      | 10FC-RY594-B-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.5                 | N           | U             |              | U         | 1.5                 | mg/kg | 1.5    | mg/kg |
| RY594-B      | 10FC-RY594-B-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ANTIMONY      | 3.6                 | Y           | J             |              | J         | 3.6                 | mg/kg | 0.44   | mg/kg |
| RY594-B      | 10FC-RY594-B-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.60                | Y           |               |              |           | 0.60                | mg/kg | 4.3    | mg/kg |
| RY594-B      | 10FC-RY594-B-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | BARIUM        | 12.1                | Y           |               |              |           | 12.1                | mg/kg | 147    | mg/kg |
| RY594-B      | 10FC-RY594-B-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.30                | Y           |               |              |           | 0.30                | mg/kg | 0.46   | mg/kg |
| RY594-B      | 10FC-RY594-B-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.30                | Y           | J             |              | J         | 0.30                | mg/kg | 0.05   | mg/kg |
| RY594-B      | 10FC-RY594-B-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.60                | Y           | J             |              | J         | 0.60                | mg/kg | 6.6    | mg/kg |
| RY594-B      | 10FC-RY594-B-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | COBALT        | 3.0                 | Y           |               |              |           | 3.0                 | mg/kg | 6.4    | mg/kg |
| RY594-B      | 10FC-RY594-B-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | COPPER        | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 10.6   | mg/kg |
| RY594-B      | 10FC-RY594-B-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | VANADIUM      | 3.0                 | Y           |               |              |           | 3.0                 | mg/kg | 14     | mg/kg |
| RY594-B      | 10FC-RY594-B-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ZINC          | 3.6                 | Y           |               |              |           | 3.6                 | mg/kg | 24.1   | mg/kg |

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| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY594-B      | 10FC-RY594-B-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CALCIUM       | 302                 | Y           |               |              |           | 302                 | mg/kg | 2030   | mg/kg |
| RY594-B      | 10FC-RY594-B-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.1                 | Y           | J             |              | J         | 2.1                 | mg/kg | 2      | mg/kg |
| RY594-C      | 10FC-RY594-C-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ALUMINUM      | 12.0                | Y           |               |              |           | 12.0                | mg/kg | 10500  | mg/kg |
| RY594-C      | 10FC-RY594-C-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | IRON          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 11300  | mg/kg |
| RY594-C      | 10FC-RY594-C-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | LEAD          | 0.60                | Y           | J             | J            |           | 0.60                | mg/kg | 9.4    | mg/kg |
| RY594-C      | 10FC-RY594-C-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 300                 | Y           |               |              |           | 300                 | mg/kg | 3380   | mg/kg |
| RY594-C      | 10FC-RY594-C-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | MANGANESE     | 0.90                | Y           |               |              |           | 0.90                | mg/kg | 393    | mg/kg |
| RY594-C      | 10FC-RY594-C-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | NICKEL        | 2.4                 | Y           |               |              |           | 2.4                 | mg/kg | 8.6    | mg/kg |
| RY594-C      | 10FC-RY594-C-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | POTASSIUM     | 300                 | Y           |               |              |           | 300                 | mg/kg | 1440   | mg/kg |
| RY594-C      | 10FC-RY594-C-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SILVER        | 0.60                | N           | UJ            | UJ           | U         | 0.60                | mg/kg | 0.6    | mg/kg |
| RY594-C      | 10FC-RY594-C-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SODIUM        | 300                 | Y           | J             |              | J         | 300                 | mg/kg | 212    | mg/kg |
| RY594-C      | 10FC-RY594-C-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.5                 | N           | U             |              | U         | 1.5                 | mg/kg | 1.5    | mg/kg |
| RY594-C      | 10FC-RY594-C-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ANTIMONY      | 3.6                 | Y           | J             |              | J         | 3.6                 | mg/kg | 0.43   | mg/kg |
| RY594-C      | 10FC-RY594-C-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.60                | Y           |               |              |           | 0.60                | mg/kg | 4.3    | mg/kg |
| RY594-C      | 10FC-RY594-C-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | BARIUM        | 12.0                | Y           |               |              |           | 12.0                | mg/kg | 135    | mg/kg |
| RY594-C      | 10FC-RY594-C-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.30                | Y           |               |              |           | 0.30                | mg/kg | 0.45   | mg/kg |
| RY594-C      | 10FC-RY594-C-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.30                | Y           | J             |              | J         | 0.30                | mg/kg | 0.04   | mg/kg |
| RY594-C      | 10FC-RY594-C-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.60                | Y           | J             | J            |           | 0.60                | mg/kg | 5.8    | mg/kg |
| RY594-C      | 10FC-RY594-C-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | COBALT        | 3.0                 | Y           |               |              |           | 3.0                 | mg/kg | 5.8    | mg/kg |
| RY594-C      | 10FC-RY594-C-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | COPPER        | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 9.8    | mg/kg |
| RY594-C      | 10FC-RY594-C-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | VANADIUM      | 3.0                 | Y           |               |              |           | 3.0                 | mg/kg | 13.2   | mg/kg |
| RY594-C      | 10FC-RY594-C-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ZINC          | 3.6                 | Y           |               |              |           | 3.6                 | mg/kg | 23.4   | mg/kg |
| RY594-C      | 10FC-RY594-C-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CALCIUM       | 300                 | Y           |               |              |           | 300                 | mg/kg | 2760   | mg/kg |
| RY594-C      | 10FC-RY594-C-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.1                 | Y           | J             |              | J         | 2.1                 | mg/kg | 1.8    | mg/kg |
| RY594-C      | 10FC-RY594-C-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ALUMINUM      | 14.0                | Y           |               |              |           | 14.0                | mg/kg | 9700   | mg/kg |
| RY594-C      | 10FC-RY594-C-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | IRON          | 7.0                 | Y           |               |              |           | 7.0                 | mg/kg | 11700  | mg/kg |
| RY594-C      | 10FC-RY594-C-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | LEAD          | 0.70                | Y           | J             | J            |           | 0.70                | mg/kg | 7.9    | mg/kg |
| RY594-C      | 10FC-RY594-C-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 349                 | Y           |               |              |           | 349                 | mg/kg | 3670   | mg/kg |
| RY594-C      | 10FC-RY594-C-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | MANGANESE     | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 294    | mg/kg |
| RY594-C      | 10FC-RY594-C-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | NICKEL        | 2.8                 | Y           |               |              |           | 2.8                 | mg/kg | 8.4    | mg/kg |
| RY594-C      | 10FC-RY594-C-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | POTASSIUM     | 349                 | Y           |               |              |           | 349                 | mg/kg | 1260   | mg/kg |
| RY594-C      | 10FC-RY594-C-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SILVER        | 0.70                | N           | UJ            | UJ           | U         | 0.70                | mg/kg | 0.7    | mg/kg |
| RY594-C      | 10FC-RY594-C-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SODIUM        | 349                 | Y           | J             |              | J         | 349                 | mg/kg | 312    | mg/kg |
| RY594-C      | 10FC-RY594-C-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.7                 | N           | U             |              | U         | 1.7                 | mg/kg | 1.7    | mg/kg |
| RY594-C      | 10FC-RY594-C-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ANTIMONY      | 4.2                 | Y           | J             |              | J         | 4.2                 | mg/kg | 0.46   | mg/kg |
| RY594-C      | 10FC-RY594-C-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.70                | Y           |               |              |           | 0.70                | mg/kg | 5.1    | mg/kg |
| RY594-C      | 10FC-RY594-C-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | BARIUM        | 14.0                | Y           |               |              |           | 14.0                | mg/kg | 104    | mg/kg |
| RY594-C      | 10FC-RY594-C-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.35                | Y           |               |              |           | 0.35                | mg/kg | 0.43   | mg/kg |
| RY594-C      | 10FC-RY594-C-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.35                | Y           | J             |              | J         | 0.35                | mg/kg | 0.02   | mg/kg |
| RY594-C      | 10FC-RY594-C-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.70                | Y           | J             | J            |           | 0.70                | mg/kg | 6.1    | mg/kg |
| RY594-C      | 10FC-RY594-C-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | COBALT        | 3.5                 | Y           |               |              |           | 3.5                 | mg/kg | 5.8    | mg/kg |
| RY594-C      | 10FC-RY594-C-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | COPPER        | 1.7                 | Y           |               |              |           | 1.7                 | mg/kg | 10.9   | mg/kg |
| RY594-C      | 10FC-RY594-C-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | VANADIUM      | 3.5                 | Y           |               |              |           | 3.5                 | mg/kg | 12.6   | mg/kg |
| RY594-C      | 10FC-RY594-C-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ZINC          | 4.2                 | Y           |               |              |           | 4.2                 | mg/kg | 18.3   | mg/kg |
| RY594-C      | 10FC-RY594-C-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CALCIUM       | 349                 | Y           |               |              |           | 349                 | mg/kg | 9360   | mg/kg |
| RY594-C      | 10FC-RY594-C-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.4                 | Y           | J             |              | J         | 2.4                 | mg/kg | 1.9    | mg/kg |
| RY594-C      | 10FC-RY594-C-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ALUMINUM      | 12.9                | Y           |               |              |           | 12.9                | mg/kg | 10200  | mg/kg |
| RY594-C      | 10FC-RY594-C-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | IRON          | 6.5                 | Y           |               |              |           | 6.5                 | mg/kg | 11700  | mg/kg |



## Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY594-C      | 10FC-RY594-C-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | LEAD          | 0.65          | Y           | J             | J            |           | 0.65                | mg/kg | 7.3    | mg/kg |
| RY594-C      | 10FC-RY594-C-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 323           | Y           |               |              |           | 323                 | mg/kg | 3280   | mg/kg |
| RY594-C      | 10FC-RY594-C-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | MANGANESE     | 0.97          | Y           |               |              |           | 0.97                | mg/kg | 343    | mg/kg |
| RY594-C      | 10FC-RY594-C-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | NICKEL        | 2.6           | Y           |               |              |           | 2.6                 | mg/kg | 8.2    | mg/kg |
| RY594-C      | 10FC-RY594-C-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | POTASSIUM     | 323           | Y           |               |              |           | 323                 | mg/kg | 1240   | mg/kg |
| RY594-C      | 10FC-RY594-C-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SILVER        | 0.65          | N           | UJ            | UJ           | U         | 0.65                | mg/kg | 0.65   | mg/kg |
| RY594-C      | 10FC-RY594-C-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SODIUM        | 323           | Y           | J             |              | J         | 323                 | mg/kg | 256    | mg/kg |
| RY594-C      | 10FC-RY594-C-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.6           | N           | U             |              | U         | 1.6                 | mg/kg | 1.6    | mg/kg |
| RY594-C      | 10FC-RY594-C-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ANTIMONY      | 3.9           | Y           | J             |              | J         | 3.9                 | mg/kg | 0.4    | mg/kg |
| RY594-C      | 10FC-RY594-C-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.65          | Y           |               |              |           | 0.65                | mg/kg | 4.3    | mg/kg |
| RY594-C      | 10FC-RY594-C-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | BARIUM        | 12.9          | Y           |               |              |           | 12.9                | mg/kg | 122    | mg/kg |
| RY594-C      | 10FC-RY594-C-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.32          | Y           |               |              |           | 0.32                | mg/kg | 0.44   | mg/kg |
| RY594-C      | 10FC-RY594-C-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.32          | Y           | J             |              | J         | 0.32                | mg/kg | 0.03   | mg/kg |
| RY594-C      | 10FC-RY594-C-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.65          | Y           | J             | J            |           | 0.65                | mg/kg | 5.9    | mg/kg |
| RY594-C      | 10FC-RY594-C-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | COBALT        | 3.2           | Y           |               |              |           | 3.2                 | mg/kg | 6.1    | mg/kg |
| RY594-C      | 10FC-RY594-C-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | COPPER        | 1.6           | Y           |               |              |           | 1.6                 | mg/kg | 9.8    | mg/kg |
| RY594-C      | 10FC-RY594-C-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | VANADIUM      | 3.2           | Y           |               |              |           | 3.2                 | mg/kg | 12.9   | mg/kg |
| RY594-C      | 10FC-RY594-C-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ZINC          | 3.9           | Y           |               |              |           | 3.9                 | mg/kg | 20.6   | mg/kg |
| RY594-C      | 10FC-RY594-C-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CALCIUM       | 323           | Y           |               |              |           | 323                 | mg/kg | 5110   | mg/kg |
| RY594-C      | 10FC-RY594-C-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.3           | Y           | J             |              | J         | 2.3                 | mg/kg | 1.8    | mg/kg |
| RY594-D      | 10FC-RY594-D-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ALUMINUM      | 13.2          | Y           |               |              |           | 13.2                | mg/kg | 4160   | mg/kg |
| RY594-D      | 10FC-RY594-D-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | IRON          | 6.6           | Y           |               |              |           | 6.6                 | mg/kg | 6280   | mg/kg |
| RY594-D      | 10FC-RY594-D-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | LEAD          | 0.66          | Y           | J             | J            |           | 0.66                | mg/kg | 6.1    | mg/kg |
| RY594-D      | 10FC-RY594-D-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 331           | Y           |               |              |           | 331                 | mg/kg | 3610   | mg/kg |
| RY594-D      | 10FC-RY594-D-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | MANGANESE     | 0.99          | Y           |               |              |           | 0.99                | mg/kg | 203    | mg/kg |
| RY594-D      | 10FC-RY594-D-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | NICKEL        | 2.6           | Y           |               |              |           | 2.6                 | mg/kg | 5.4    | mg/kg |
| RY594-D      | 10FC-RY594-D-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | POTASSIUM     | 331           | Y           | J             |              | J         | 331                 | mg/kg | 273    | mg/kg |
| RY594-D      | 10FC-RY594-D-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SILVER        | 0.66          | N           | UJ            | UJ           | U         | 0.66                | mg/kg | 0.66   | mg/kg |
| RY594-D      | 10FC-RY594-D-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SODIUM        | 331           | Y           | J             |              | J         | 331                 | mg/kg | 95.4   | mg/kg |
| RY594-D      | 10FC-RY594-D-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.7           | N           | U             |              | U         | 1.7                 | mg/kg | 1.7    | mg/kg |
| RY594-D      | 10FC-RY594-D-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ANTIMONY      | 4.0           | Y           | J             |              | J         | 4.0                 | mg/kg | 0.25   | mg/kg |
| RY594-D      | 10FC-RY594-D-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.66          | Y           |               |              |           | 0.66                | mg/kg | 1.6    | mg/kg |
| RY594-D      | 10FC-RY594-D-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | BARIUM        | 13.2          | Y           |               |              |           | 13.2                | mg/kg | 121    | mg/kg |
| RY594-D      | 10FC-RY594-D-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.33          | Y           | J             |              | J         | 0.33                | mg/kg | 0.26   | mg/kg |
| RY594-D      | 10FC-RY594-D-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.33          | N           | U             |              | U         | 0.33                | mg/kg | 0.33   | mg/kg |
| RY594-D      | 10FC-RY594-D-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.66          | Y           | J             | J            |           | 0.66                | mg/kg | 4      | mg/kg |
| RY594-D      | 10FC-RY594-D-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | COBALT        | 3.3           | Y           |               |              |           | 3.3                 | mg/kg | 3.9    | mg/kg |
| RY594-D      | 10FC-RY594-D-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | COPPER        | 1.7           | Y           |               |              |           | 1.7                 | mg/kg | 10.9   | mg/kg |
| RY594-D      | 10FC-RY594-D-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | VANADIUM      | 3.3           | Y           | J             |              | J         | 3.3                 | mg/kg | 2.5    | mg/kg |
| RY594-D      | 10FC-RY594-D-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ZINC          | 4.0           | Y           |               |              |           | 4.0                 | mg/kg | 21.5   | mg/kg |
| RY594-D      | 10FC-RY594-D-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CALCIUM       | 331           | Y           |               |              |           | 331                 | mg/kg | 1220   | mg/kg |
| RY594-D      | 10FC-RY594-D-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.3           | Y           | J             |              | J         | 2.3                 | mg/kg | 1.1    | mg/kg |
| RY594-D      | 10FC-RY594-D-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ALUMINUM      | 13.4          | Y           |               |              |           | 13.4                | mg/kg | 6260   | mg/kg |
| RY594-D      | 10FC-RY594-D-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | IRON          | 6.7           | Y           |               |              |           | 6.7                 | mg/kg | 8340   | mg/kg |
| RY594-D      | 10FC-RY594-D-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | LEAD          | 0.67          | Y           | J             | J            |           | 0.67                | mg/kg | 9.1    | mg/kg |
| RY594-D      | 10FC-RY594-D-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 336           | Y           |               |              |           | 336                 | mg/kg | 3890   | mg/kg |
| RY594-D      | 10FC-RY594-D-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | MANGANESE     | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 304    | mg/kg |
| RY594-D      | 10FC-RY594-D-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | NICKEL        | 2.7           | Y           |               |              |           | 2.7                 | mg/kg | 7.2    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY594-D      | 10FC-RY594-D-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | POTASSIUM     | 336                 | Y           |               |              |           | 336                 | mg/kg | 525    | mg/kg |
| RY594-D      | 10FC-RY594-D-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SILVER        | 0.67                | N           | UJ            | UJ           | U         | 0.67                | mg/kg | 0.67   | mg/kg |
| RY594-D      | 10FC-RY594-D-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SODIUM        | 336                 | Y           | J             |              | J         | 336                 | mg/kg | 117    | mg/kg |
| RY594-D      | 10FC-RY594-D-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.7                 | N           | U             |              | U         | 1.7                 | mg/kg | 1.7    | mg/kg |
| RY594-D      | 10FC-RY594-D-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ANTIMONY      | 4.0                 | Y           | J             |              | J         | 4.0                 | mg/kg | 0.33   | mg/kg |
| RY594-D      | 10FC-RY594-D-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.67                | Y           |               |              |           | 0.67                | mg/kg | 3.3    | mg/kg |
| RY594-D      | 10FC-RY594-D-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | BARIUM        | 13.4                | Y           |               |              |           | 13.4                | mg/kg | 265    | mg/kg |
| RY594-D      | 10FC-RY594-D-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.34                | Y           |               |              |           | 0.34                | mg/kg | 0.34   | mg/kg |
| RY594-D      | 10FC-RY594-D-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.34                | N           | U             |              | U         | 0.34                | mg/kg | 0.34   | mg/kg |
| RY594-D      | 10FC-RY594-D-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.67                | Y           | J             | J            |           | 0.67                | mg/kg | 5.1    | mg/kg |
| RY594-D      | 10FC-RY594-D-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | COBALT        | 3.4                 | Y           |               |              |           | 3.4                 | mg/kg | 5.3    | mg/kg |
| RY594-D      | 10FC-RY594-D-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | COPPER        | 1.7                 | Y           |               |              |           | 1.7                 | mg/kg | 25.7   | mg/kg |
| RY594-D      | 10FC-RY594-D-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | VANADIUM      | 3.4                 | Y           |               |              |           | 3.4                 | mg/kg | 5.2    | mg/kg |
| RY594-D      | 10FC-RY594-D-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ZINC          | 4.0                 | Y           |               |              |           | 4.0                 | mg/kg | 24.5   | mg/kg |
| RY583-C      | 10FC-RY583-C-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SILVER        | 0.60                | N           | U             |              | U         | 0.60                | mg/kg | 0.6    | mg/kg |
| RY583-C      | 10FC-RY583-C-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SODIUM        | 300                 | Y           | J             |              | J         | 300                 | mg/kg | 185    | mg/kg |
| RY583-C      | 10FC-RY583-C-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.5                 | N           | U             |              | U         | 1.5                 | mg/kg | 1.5    | mg/kg |
| RY583-C      | 10FC-RY583-C-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ANTIMONY      | 3.6                 | Y           | J             | J            | J         | 3.6                 | mg/kg | 0.44   | mg/kg |
| RY583-C      | 10FC-RY583-C-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.60                | Y           |               |              |           | 0.60                | mg/kg | 2.5    | mg/kg |
| RY583-C      | 10FC-RY583-C-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | BARIUM        | 12.0                | Y           |               |              |           | 12.0                | mg/kg | 168    | mg/kg |
| RY583-C      | 10FC-RY583-C-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.30                | Y           |               |              |           | 0.30                | mg/kg | 0.5    | mg/kg |
| RY583-C      | 10FC-RY583-C-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.30                | Y           | J             |              | J         | 0.30                | mg/kg | 0.05   | mg/kg |
| RY583-C      | 10FC-RY583-C-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.60                | Y           |               |              |           | 0.60                | mg/kg | 6.3    | mg/kg |
| RY583-C      | 10FC-RY583-C-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | COBALT        | 3.0                 | Y           |               |              |           | 3.0                 | mg/kg | 6.3    | mg/kg |
| RY583-C      | 10FC-RY583-C-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | COPPER        | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 8      | mg/kg |
| RY583-C      | 10FC-RY583-C-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | VANADIUM      | 3.0                 | Y           |               |              |           | 3.0                 | mg/kg | 12     | mg/kg |
| RY583-C      | 10FC-RY583-C-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ZINC          | 3.6                 | Y           |               |              |           | 3.6                 | mg/kg | 29.6   | mg/kg |
| RY583-C      | 10FC-RY583-C-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CALCIUM       | 300                 | Y           |               |              |           | 300                 | mg/kg | 1520   | mg/kg |
| RY583-C      | 10FC-RY583-C-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.1                 | Y           | J             |              | J         | 2.1                 | mg/kg | 1.4    | mg/kg |
| RY583-C      | 10FC-RY583-C-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ALUMINUM      | 11.6                | Y           |               |              |           | 11.6                | mg/kg | 9380   | mg/kg |
| RY583-C      | 10FC-RY583-C-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | IRON          | 5.8                 | Y           |               |              |           | 5.8                 | mg/kg | 9440   | mg/kg |
| RY583-C      | 10FC-RY583-C-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | LEAD          | 0.58                | Y           |               |              |           | 0.58                | mg/kg | 7.9    | mg/kg |
| RY583-C      | 10FC-RY583-C-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 290                 | Y           |               |              |           | 290                 | mg/kg | 2500   | mg/kg |
| RY583-C      | 10FC-RY583-C-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | MANGANESE     | 0.87                | Y           |               |              |           | 0.87                | mg/kg | 404    | mg/kg |
| RY583-C      | 10FC-RY583-C-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | NICKEL        | 2.3                 | Y           |               |              |           | 2.3                 | mg/kg | 6.9    | mg/kg |
| RY583-C      | 10FC-RY583-C-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | POTASSIUM     | 290                 | Y           |               |              |           | 290                 | mg/kg | 1340   | mg/kg |
| RY583-C      | 10FC-RY583-C-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SILVER        | 0.58                | N           | U             |              | U         | 0.58                | mg/kg | 0.58   | mg/kg |
| RY583-C      | 10FC-RY583-C-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SODIUM        | 290                 | Y           | J             |              | J         | 290                 | mg/kg | 185    | mg/kg |
| RY583-C      | 10FC-RY583-C-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.5                 | N           | U             |              | U         | 1.5                 | mg/kg | 1.5    | mg/kg |
| RY583-C      | 10FC-RY583-C-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ANTIMONY      | 3.5                 | Y           | J             | J            | J         | 3.5                 | mg/kg | 0.32   | mg/kg |
| RY583-C      | 10FC-RY583-C-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.58                | Y           |               |              |           | 0.58                | mg/kg | 2.7    | mg/kg |
| RY583-C      | 10FC-RY583-C-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | BARIUM        | 11.6                | Y           |               |              |           | 11.6                | mg/kg | 158    | mg/kg |
| RY583-C      | 10FC-RY583-C-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.29                | Y           |               |              |           | 0.29                | mg/kg | 0.5    | mg/kg |
| RY583-C      | 10FC-RY583-C-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.29                | Y           | J             |              | J         | 0.29                | mg/kg | 0.04   | mg/kg |
| RY583-C      | 10FC-RY583-C-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.58                | Y           |               |              |           | 0.58                | mg/kg | 6.2    | mg/kg |
| RY583-C      | 10FC-RY583-C-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | COBALT        | 2.9                 | Y           |               |              |           | 2.9                 | mg/kg | 5.7    | mg/kg |
| RY583-C      | 10FC-RY583-C-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | COPPER        | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 7.4    | mg/kg |
| RY583-C      | 10FC-RY583-C-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | VANADIUM      | 2.9                 | Y           |               |              |           | 2.9                 | mg/kg | 11.8   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY583-C      | 10FC-RY583-C-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ZINC          | 3.5                 | Y           |               |              |           | 3.5                 | mg/kg | 27.3   | mg/kg |
| RY583-C      | 10FC-RY583-C-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CALCIUM       | 290                 | Y           |               |              |           | 290                 | mg/kg | 1420   | mg/kg |
| RY583-C      | 10FC-RY583-C-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.0                 | Y           | J             |              | J         | 2.0                 | mg/kg | 1.5    | mg/kg |
| RY583-C      | 10FC-RY583-C-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ALUMINUM      | 11.6                | Y           |               |              |           | 11.6                | mg/kg | 9280   | mg/kg |
| RY583-C      | 10FC-RY583-C-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | IRON          | 5.8                 | Y           |               |              |           | 5.8                 | mg/kg | 8960   | mg/kg |
| RY583-C      | 10FC-RY583-C-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | LEAD          | 0.58                | Y           |               |              |           | 0.58                | mg/kg | 8.6    | mg/kg |
| RY583-C      | 10FC-RY583-C-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 291                 | Y           |               |              |           | 291                 | mg/kg | 2420   | mg/kg |
| RY583-C      | 10FC-RY583-C-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | MANGANESE     | 0.87                | Y           |               |              |           | 0.87                | mg/kg | 492    | mg/kg |
| RY583-C      | 10FC-RY583-C-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | NICKEL        | 2.3                 | Y           |               |              |           | 2.3                 | mg/kg | 6.8    | mg/kg |
| RY583-C      | 10FC-RY583-C-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | POTASSIUM     | 291                 | Y           |               |              |           | 291                 | mg/kg | 1320   | mg/kg |
| RY583-C      | 10FC-RY583-C-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SILVER        | 0.58                | N           | U             |              | U         | 0.58                | mg/kg | 0.58   | mg/kg |
| RY583-C      | 10FC-RY583-C-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SODIUM        | 291                 | Y           | J             |              | J         | 291                 | mg/kg | 183    | mg/kg |
| RY583-C      | 10FC-RY583-C-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.5                 | N           | U             |              | U         | 1.5                 | mg/kg | 1.5    | mg/kg |
| RY583-C      | 10FC-RY583-C-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ANTIMONY      | 3.5                 | Y           | J             | J            | J         | 3.5                 | mg/kg | 0.31   | mg/kg |
| RY583-C      | 10FC-RY583-C-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.58                | Y           |               |              |           | 0.58                | mg/kg | 2.3    | mg/kg |
| RY583-C      | 10FC-RY583-C-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | BARIUM        | 11.6                | Y           |               |              |           | 11.6                | mg/kg | 173    | mg/kg |
| RY583-C      | 10FC-RY583-C-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.29                | Y           |               |              |           | 0.29                | mg/kg | 0.5    | mg/kg |
| RY583-C      | 10FC-RY583-C-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.29                | Y           | J             |              | J         | 0.29                | mg/kg | 0.06   | mg/kg |
| RY583-C      | 10FC-RY583-C-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.58                | Y           |               |              |           | 0.58                | mg/kg | 6      | mg/kg |
| RY583-C      | 10FC-RY583-C-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | COBALT        | 2.9                 | Y           |               |              |           | 2.9                 | mg/kg | 6.2    | mg/kg |
| RY583-C      | 10FC-RY583-C-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | COPPER        | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 7.4    | mg/kg |
| RY583-C      | 10FC-RY583-C-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | VANADIUM      | 2.9                 | Y           |               |              |           | 2.9                 | mg/kg | 11.5   | mg/kg |
| RY583-C      | 10FC-RY583-C-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ZINC          | 3.5                 | Y           |               |              |           | 3.5                 | mg/kg | 27.5   | mg/kg |
| RY583-C      | 10FC-RY583-C-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CALCIUM       | 291                 | Y           |               |              |           | 291                 | mg/kg | 1500   | mg/kg |
| RY583-C      | 10FC-RY583-C-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.0                 | Y           | J             |              | J         | 2.0                 | mg/kg | 1.4    | mg/kg |
| RY584-A      | 10FC-RY584-A-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ALUMINUM      | 10.8                | Y           |               |              |           | 10.8                | mg/kg | 5440   | mg/kg |
| RY584-A      | 10FC-RY584-A-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | IRON          | 5.4                 | Y           |               |              |           | 5.4                 | mg/kg | 11600  | mg/kg |
| RY584-A      | 10FC-RY584-A-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | LEAD          | 0.54                | Y           |               |              |           | 0.54                | mg/kg | 8.3    | mg/kg |
| RY584-A      | 10FC-RY584-A-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 271                 | Y           |               |              |           | 271                 | mg/kg | 5280   | mg/kg |
| RY584-A      | 10FC-RY584-A-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | MANGANESE     | 0.81                | Y           |               |              |           | 0.81                | mg/kg | 300    | mg/kg |
| RY584-A      | 10FC-RY584-A-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | NICKEL        | 2.2                 | Y           |               |              |           | 2.2                 | mg/kg | 9.5    | mg/kg |
| RY584-A      | 10FC-RY584-A-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | POTASSIUM     | 271                 | Y           |               |              |           | 271                 | mg/kg | 983    | mg/kg |
| RY584-A      | 10FC-RY584-A-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SILVER        | 0.54                | N           | U             |              | U         | 0.54                | mg/kg | 0.54   | mg/kg |
| RY584-A      | 10FC-RY584-A-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SODIUM        | 271                 | Y           | J             |              | J         | 271                 | mg/kg | 173    | mg/kg |
| RY584-A      | 10FC-RY584-A-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.4                 | N           | U             |              | U         | 1.4                 | mg/kg | 1.4    | mg/kg |
| RY584-A      | 10FC-RY584-A-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ANTIMONY      | 3.3                 | Y           | J             | J            | J         | 3.3                 | mg/kg | 0.46   | mg/kg |
| RY584-A      | 10FC-RY584-A-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.54                | Y           |               |              |           | 0.54                | mg/kg | 3.4    | mg/kg |
| RY584-A      | 10FC-RY584-A-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | BARIUM        | 10.8                | Y           |               |              |           | 10.8                | mg/kg | 107    | mg/kg |
| RY584-A      | 10FC-RY584-A-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.27                | Y           |               |              |           | 0.27                | mg/kg | 0.36   | mg/kg |
| RY584-A      | 10FC-RY584-A-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.27                | Y           | J             |              | J         | 0.27                | mg/kg | 0.21   | mg/kg |
| RY584-A      | 10FC-RY584-A-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.54                | Y           |               |              |           | 0.54                | mg/kg | 8.4    | mg/kg |
| RY584-A      | 10FC-RY584-A-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | COBALT        | 2.7                 | Y           |               |              |           | 2.7                 | mg/kg | 4.5    | mg/kg |
| RY584-A      | 10FC-RY584-A-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | COPPER        | 1.4                 | Y           |               |              |           | 1.4                 | mg/kg | 19.7   | mg/kg |
| RY584-A      | 10FC-RY584-A-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | VANADIUM      | 2.7                 | Y           |               |              |           | 2.7                 | mg/kg | 7.2    | mg/kg |
| RY584-A      | 10FC-RY584-A-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ZINC          | 3.3                 | Y           |               |              |           | 3.3                 | mg/kg | 45.7   | mg/kg |
| RY584-A      | 10FC-RY584-A-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CALCIUM       | 271                 | Y           |               |              |           | 271                 | mg/kg | 11500  | mg/kg |
| RY584-A      | 10FC-RY584-A-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SELENIUM      | 1.9                 | Y           | J             |              | J         | 1.9                 | mg/kg | 1.7    | mg/kg |
| RY584-A      | 10FC-RY584-A-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ALUMINUM      | 11.6                | Y           |               |              |           | 11.6                | mg/kg | 6790   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY584-A      | 10FC-RY584-A-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | IRON          | 5.8           | Y           |               |              |           | 5.8           | mg/kg | 7880   | mg/kg |
| RY584-A      | 10FC-RY584-A-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | LEAD          | 0.58          | Y           |               |              |           | 0.58          | mg/kg | 6.1    | mg/kg |
| RY584-A      | 10FC-RY584-A-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 291           | Y           |               |              |           | 291           | mg/kg | 2260   | mg/kg |
| RY584-A      | 10FC-RY584-A-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | MANGANESE     | 0.87          | Y           |               |              |           | 0.87          | mg/kg | 325    | mg/kg |
| RY584-A      | 10FC-RY584-A-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | NICKEL        | 2.3           | Y           |               |              |           | 2.3           | mg/kg | 6.3    | mg/kg |
| RY584-A      | 10FC-RY584-A-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | POTASSIUM     | 291           | Y           |               |              |           | 291           | mg/kg | 1040   | mg/kg |
| RY584-A      | 10FC-RY584-A-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SILVER        | 0.58          | N           | U             |              | U         | 0.58          | mg/kg | 0.58   | mg/kg |
| RY584-A      | 10FC-RY584-A-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SODIUM        | 291           | Y           | J             |              | J         | 291           | mg/kg | 191    | mg/kg |
| RY584-A      | 10FC-RY584-A-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.5           | N           | U             |              | U         | 1.5           | mg/kg | 1.5    | mg/kg |
| RY584-A      | 10FC-RY584-A-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ANTIMONY      | 3.5           | Y           | J             | J            | J         | 3.5           | mg/kg | 0.25   | mg/kg |
| RY584-A      | 10FC-RY584-A-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.58          | Y           |               |              |           | 0.58          | mg/kg | 2.1    | mg/kg |
| RY584-A      | 10FC-RY584-A-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | BARIUM        | 11.6          | Y           |               |              |           | 11.6          | mg/kg | 125    | mg/kg |
| RY584-A      | 10FC-RY584-A-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.29          | Y           |               |              |           | 0.29          | mg/kg | 0.39   | mg/kg |
| RY584-A      | 10FC-RY584-A-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.29          | Y           | J             |              | J         | 0.29          | mg/kg | 0.04   | mg/kg |
| RY584-A      | 10FC-RY584-A-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.58          | Y           |               |              |           | 0.58          | mg/kg | 5.4    | mg/kg |
| RY584-A      | 10FC-RY584-A-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | COBALT        | 2.9           | Y           |               |              |           | 2.9           | mg/kg | 4.5    | mg/kg |
| RY584-A      | 10FC-RY584-A-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | COPPER        | 1.5           | Y           |               |              |           | 1.5           | mg/kg | 17.9   | mg/kg |
| RY584-A      | 10FC-RY584-A-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | VANADIUM      | 2.9           | Y           |               |              |           | 2.9           | mg/kg | 9.3    | mg/kg |
| RY584-A      | 10FC-RY584-A-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ZINC          | 3.5           | Y           |               |              |           | 3.5           | mg/kg | 21.4   | mg/kg |
| RY584-A      | 10FC-RY584-A-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CALCIUM       | 291           | Y           |               |              |           | 291           | mg/kg | 2010   | mg/kg |
| RY584-A      | 10FC-RY584-A-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.0           | Y           | J             |              | J         | 2.0           | mg/kg | 1.3    | mg/kg |
| RY485-E      | 10FC-RY485-E-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | ALUMINUM      | 16.3          | Y           |               |              |           | 16.3          | mg/kg | 6740   | mg/kg |
| RY485-E      | 10FC-RY485-E-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | IRON          | 8.1           | Y           |               |              |           | 8.1           | mg/kg | 18100  | mg/kg |
| RY485-E      | 10FC-RY485-E-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | LEAD          | 0.81          | Y           |               |              |           | 0.81          | mg/kg | 371    | mg/kg |
| RY485-E      | 10FC-RY485-E-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | MAGNESIUM     | 407           | Y           |               |              |           | 407           | mg/kg | 3960   | mg/kg |
| RY485-E      | 10FC-RY485-E-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | MANGANESE     | 1.2           | Y           |               |              |           | 1.2           | mg/kg | 392    | mg/kg |
| RY485-E      | 10FC-RY485-E-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | NICKEL        | 3.3           | Y           |               |              |           | 3.3           | mg/kg | 12.4   | mg/kg |
| RY485-E      | 10FC-RY485-E-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | POTASSIUM     | 407           | Y           |               |              |           | 407           | mg/kg | 1510   | mg/kg |
| RY485-E      | 10FC-RY485-E-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | SILVER        | 0.81          | N           | U             |              | U         | 0.81          | mg/kg | 0.81   | mg/kg |
| RY485-E      | 10FC-RY485-E-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | SODIUM        | 407           | Y           | U             | 500U         | J         | 407           | mg/kg | 500    | mg/kg |
| RY485-E      | 10FC-RY485-E-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | THALLIUM      | 2.0           | N           | U             |              | U         | 2.0           | mg/kg | 2      | mg/kg |
| RY485-E      | 10FC-RY485-E-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | ANTIMONY      | 4.9           | Y           | J             |              | J         | 4.9           | mg/kg | 2.1    | mg/kg |
| RY485-E      | 10FC-RY485-E-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | ARSENIC       | 0.81          | Y           |               |              |           | 0.81          | mg/kg | 5.5    | mg/kg |
| RY485-E      | 10FC-RY485-E-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | BARIUM        | 16.3          | Y           |               |              |           | 16.3          | mg/kg | 147    | mg/kg |
| RY485-E      | 10FC-RY485-E-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | BERYLLIUM     | 0.41          | Y           |               |              |           | 0.41          | mg/kg | 0.44   | mg/kg |
| RY485-E      | 10FC-RY485-E-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | CADMIUM       | 0.41          | Y           |               |              |           | 0.41          | mg/kg | 1.2    | mg/kg |
| RY485-E      | 10FC-RY485-E-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | CHROMIUM      | 0.81          | Y           |               |              |           | 0.81          | mg/kg | 17.2   | mg/kg |
| RY485-E      | 10FC-RY485-E-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | COBALT        | 4.1           | Y           |               |              |           | 4.1           | mg/kg | 6.2    | mg/kg |
| RY485-E      | 10FC-RY485-E-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | COPPER        | 2.0           | Y           |               |              |           | 2.0           | mg/kg | 68.9   | mg/kg |
| RY485-E      | 10FC-RY485-E-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | VANADIUM      | 4.1           | Y           |               |              |           | 4.1           | mg/kg | 10.6   | mg/kg |
| RY485-E      | 10FC-RY485-E-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | ZINC          | 4.9           | Y           |               |              |           | 4.9           | mg/kg | 184    | mg/kg |
| RY485-E      | 10FC-RY485-E-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | CALCIUM       | 407           | Y           |               |              |           | 407           | mg/kg | 5870   | mg/kg |
| RY485-E      | 10FC-RY485-E-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | SELENIUM      | 2.8           | N           | U             |              | U         | 2.8           | mg/kg | 2.8    | mg/kg |
| RY485-F      | 10FC-RY485-F-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | ALUMINUM      | 21.0          | Y           |               |              |           | 21.0          | mg/kg | 8050   | mg/kg |
| RY485-F      | 10FC-RY485-F-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | IRON          | 10.5          | Y           |               |              |           | 10.5          | mg/kg | 14100  | mg/kg |
| RY485-F      | 10FC-RY485-F-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | LEAD          | 1.0           | Y           |               |              |           | 1.0           | mg/kg | 434    | mg/kg |
| RY485-F      | 10FC-RY485-F-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | MAGNESIUM     | 525           | Y           |               |              |           | 525           | mg/kg | 3260   | mg/kg |
| RY485-F      | 10FC-RY485-F-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | MANGANESE     | 1.6           | Y           |               |              |           | 1.6           | mg/kg | 483    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY485-F      | 10FC-RY485-F-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | NICKEL        | 4.2                 | Y           |               |              |           | 4.2                 | mg/kg | 10.3   | mg/kg |
| RY485-F      | 10FC-RY485-F-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | POTASSIUM     | 525                 | Y           |               |              |           | 525                 | mg/kg | 1830   | mg/kg |
| RY485-F      | 10FC-RY485-F-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | SILVER        | 1.0                 | N           | U             |              |           | 1.0                 | mg/kg | 1      | mg/kg |
| RY485-F      | 10FC-RY485-F-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | SODIUM        | 525                 | Y           | U             | 500U         | J         | 525                 | mg/kg | 500    | mg/kg |
| RY485-F      | 10FC-RY485-F-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | THALLIUM      | 2.6                 | N           | U             |              | U         | 2.6                 | mg/kg | 2.6    | mg/kg |
| RY485-F      | 10FC-RY485-F-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | ANTIMONY      | 6.3                 | Y           |               |              |           | 6.3                 | mg/kg | 10.6   | mg/kg |
| RY485-F      | 10FC-RY485-F-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | ARSENIC       | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 104    | mg/kg |
| RY485-F      | 10FC-RY485-F-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | BARIUM        | 21.0                | Y           |               |              |           | 21.0                | mg/kg | 455    | mg/kg |
| RY485-F      | 10FC-RY485-F-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | BERYLLIUM     | 0.52                | Y           | J             |              | J         | 0.52                | mg/kg | 0.42   | mg/kg |
| RY485-F      | 10FC-RY485-F-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | CADMIUM       | 0.52                | Y           |               |              |           | 0.52                | mg/kg | 1.2    | mg/kg |
| RY485-F      | 10FC-RY485-F-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | CHROMIUM      | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 144    | mg/kg |
| RY485-F      | 10FC-RY485-F-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | COBALT        | 5.2                 | Y           |               |              |           | 5.2                 | mg/kg | 7.4    | mg/kg |
| RY485-F      | 10FC-RY485-F-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | COPPER        | 2.6                 | Y           |               |              |           | 2.6                 | mg/kg | 202    | mg/kg |
| RY485-F      | 10FC-RY485-F-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | VANADIUM      | 5.2                 | Y           |               |              |           | 5.2                 | mg/kg | 15.4   | mg/kg |
| RY485-F      | 10FC-RY485-F-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | ZINC          | 6.3                 | Y           |               |              |           | 6.3                 | mg/kg | 461    | mg/kg |
| RY485-F      | 10FC-RY485-F-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | CALCIUM       | 525                 | Y           |               |              |           | 525                 | mg/kg | 5030   | mg/kg |
| RY485-F      | 10FC-RY485-F-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | SELENIUM      | 3.7                 | N           | U             |              | U         | 3.7                 | mg/kg | 3.7    | mg/kg |
| RY485-F      | 10FC-RY485-F-002006 | 7/22/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | ALUMINUM      | 20.7                | Y           |               |              |           | 20.7                | mg/kg | 8660   | mg/kg |
| RY485-F      | 10FC-RY485-F-002006 | 7/22/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | IRON          | 10.4                | Y           |               |              |           | 10.4                | mg/kg | 12900  | mg/kg |
| RY485-F      | 10FC-RY485-F-002006 | 7/22/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | LEAD          | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 80.1   | mg/kg |
| RY485-F      | 10FC-RY485-F-002006 | 7/22/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | MAGNESIUM     | 518                 | Y           |               |              |           | 518                 | mg/kg | 3590   | mg/kg |
| RY485-F      | 10FC-RY485-F-002006 | 7/22/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | MANGANESE     | 1.6                 | Y           |               |              |           | 1.6                 | mg/kg | 330    | mg/kg |
| RY485-F      | 10FC-RY485-F-002006 | 7/22/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | NICKEL        | 4.1                 | Y           |               |              |           | 4.1                 | mg/kg | 8.9    | mg/kg |
| RY485-F      | 10FC-RY485-F-002006 | 7/22/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | POTASSIUM     | 518                 | Y           |               |              |           | 518                 | mg/kg | 1630   | mg/kg |
| RY485-F      | 10FC-RY485-F-002006 | 7/22/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | SILVER        | 1.0                 | N           | U             |              | U         | 1.0                 | mg/kg | 1      | mg/kg |
| RY485-F      | 10FC-RY485-F-002006 | 7/22/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | SODIUM        | 518                 | Y           | U             | 500U         | J         | 518                 | mg/kg | 500    | mg/kg |
| RY485-F      | 10FC-RY485-F-002006 | 7/22/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | THALLIUM      | 2.6                 | N           | U             |              | U         | 2.6                 | mg/kg | 2.6    | mg/kg |
| RY485-F      | 10FC-RY485-F-002006 | 7/22/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | ANTIMONY      | 6.2                 | Y           | J             |              | J         | 6.2                 | mg/kg | 1.9    | mg/kg |
| RY485-F      | 10FC-RY485-F-002006 | 7/22/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | ARSENIC       | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 19.1   | mg/kg |
| RY485-F      | 10FC-RY485-F-002006 | 7/22/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | BARIUM        | 20.7                | Y           |               |              |           | 20.7                | mg/kg | 140    | mg/kg |
| RY485-F      | 10FC-RY485-F-002006 | 7/22/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | BERYLLIUM     | 0.52                | Y           | J             |              | J         | 0.52                | mg/kg | 0.47   | mg/kg |
| RY485-F      | 10FC-RY485-F-002006 | 7/22/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | CADMIUM       | 0.52                | Y           | J             |              | J         | 0.52                | mg/kg | 0.29   | mg/kg |
| RY485-F      | 10FC-RY485-F-002006 | 7/22/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | CHROMIUM      | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 27.8   | mg/kg |
| RY485-F      | 10FC-RY485-F-002006 | 7/22/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | COBALT        | 5.2                 | Y           |               |              |           | 5.2                 | mg/kg | 5.6    | mg/kg |
| RY485-F      | 10FC-RY485-F-002006 | 7/22/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | COPPER        | 2.6                 | Y           |               |              |           | 2.6                 | mg/kg | 33.1   | mg/kg |
| RY485-F      | 10FC-RY485-F-002006 | 7/22/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | VANADIUM      | 5.2                 | Y           |               |              |           | 5.2                 | mg/kg | 16.9   | mg/kg |
| RY485-F      | 10FC-RY485-F-002006 | 7/22/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | ZINC          | 6.2                 | Y           |               |              |           | 6.2                 | mg/kg | 127    | mg/kg |
| RY485-F      | 10FC-RY485-F-002006 | 7/22/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | CALCIUM       | 518                 | Y           |               |              |           | 518                 | mg/kg | 1810   | mg/kg |
| RY485-F      | 10FC-RY485-F-002006 | 7/22/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | SELENIUM      | 3.6                 | N           | U             |              | U         | 3.6                 | mg/kg | 3.6    | mg/kg |
| RY485-F      | 10FC-RY485-F-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | ALUMINUM      | 16.0                | Y           |               |              |           | 16.0                | mg/kg | 6980   | mg/kg |
| RY485-F      | 10FC-RY485-F-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | IRON          | 8.0                 | Y           |               |              |           | 8.0                 | mg/kg | 10800  | mg/kg |
| RY485-F      | 10FC-RY485-F-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | LEAD          | 0.80                | Y           |               |              |           | 0.80                | mg/kg | 44     | mg/kg |
| RY485-F      | 10FC-RY485-F-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | MAGNESIUM     | 400                 | Y           |               |              |           | 400                 | mg/kg | 3100   | mg/kg |
| RY485-F      | 10FC-RY485-F-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | MANGANESE     | 1.2                 | Y           |               |              |           | 1.2                 | mg/kg | 288    | mg/kg |
| RY485-F      | 10FC-RY485-F-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | NICKEL        | 3.2                 | Y           |               |              |           | 3.2                 | mg/kg | 7.6    | mg/kg |
| RY485-F      | 10FC-RY485-F-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | POTASSIUM     | 400                 | Y           |               |              |           | 400                 | mg/kg | 1330   | mg/kg |
| RY523-A      | 10FC-RY523-A-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | BARIUM        | 12.2                | Y           | J             | J            |           | 12.2                | mg/kg | 106    | mg/kg |
| RY523-A      | 10FC-RY523-A-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.30                | Y           |               |              |           | 0.30                | mg/kg | 0.33   | mg/kg |

## Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY523-A      | 10FC-RY523-A-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.30                | Y           |               |              |           | 0.30                | mg/kg | 0.64   | mg/kg |
| RY523-A      | 10FC-RY523-A-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.61                | Y           | J             | J            |           | 0.61                | mg/kg | 8.1    | mg/kg |
| RY523-A      | 10FC-RY523-A-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | COBALT        | 3.0                 | Y           |               |              |           | 3.0                 | mg/kg | 3.9    | mg/kg |
| RY523-A      | 10FC-RY523-A-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | COPPER        | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 9.2    | mg/kg |
| RY523-A      | 10FC-RY523-A-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | VANADIUM      | 3.0                 | Y           |               |              |           | 3.0                 | mg/kg | 11.6   | mg/kg |
| RY523-A      | 10FC-RY523-A-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ZINC          | 3.7                 | Y           |               |              |           | 3.7                 | mg/kg | 113    | mg/kg |
| RY523-A      | 10FC-RY523-A-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CALCIUM       | 305                 | Y           |               |              |           | 305                 | mg/kg | 2350   | mg/kg |
| RY523-A      | 10FC-RY523-A-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.1                 | Y           | J             |              | J         | 2.1                 | mg/kg | 1.6    | mg/kg |
| RY489-F      | 10FC-RY489-F-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | ALUMINUM      | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 10500  | mg/kg |
| RY489-F      | 10FC-RY489-F-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | IRON          | 10.0                | Y           |               |              |           | 10.0                | mg/kg | 10300  | mg/kg |
| RY489-F      | 10FC-RY489-F-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | LEAD          | 1.0                 | Y           | J+            | J+           |           | 1.0                 | mg/kg | 6.6    | mg/kg |
| RY489-F      | 10FC-RY489-F-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3030   | mg/kg |
| RY489-F      | 10FC-RY489-F-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 428    | mg/kg |
| RY489-F      | 10FC-RY489-F-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | NICKEL        | 4.0                 | Y           |               |              |           | 4.0                 | mg/kg | 7.3    | mg/kg |
| RY489-F      | 10FC-RY489-F-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1850   | mg/kg |
| RY489-F      | 10FC-RY489-F-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | SILVER        | 1.0                 | N           | U             |              | U         | 1.0                 | mg/kg | 1.2    | mg/kg |
| RY489-F      | 10FC-RY489-F-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | SODIUM        | 500                 | Y           | J             | J            | J         | 500                 | mg/kg | 188    | mg/kg |
| RY489-F      | 10FC-RY489-F-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.9    | mg/kg |
| RY489-F      | 10FC-RY489-F-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | ANTIMONY      | 6.0                 | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 6.9    | mg/kg |
| RY489-F      | 10FC-RY489-F-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | ARSENIC       | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 3.1    | mg/kg |
| RY489-F      | 10FC-RY489-F-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | BARIUM        | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 217    | mg/kg |
| RY489-F      | 10FC-RY489-F-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | BERYLLIUM     | 0.50                | Y           | J             |              | J         | 0.50                | mg/kg | 0.2    | mg/kg |
| RY489-F      | 10FC-RY489-F-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | CADMIUM       | 0.50                | N           | U             |              | U         | 0.50                | mg/kg | 0.58   | mg/kg |
| RY489-F      | 10FC-RY489-F-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | CHROMIUM      | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 7.1    | mg/kg |
| RY489-F      | 10FC-RY489-F-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | COBALT        | 5.0                 | Y           | J             |              | J         | 5.0                 | mg/kg | 4.9    | mg/kg |
| RY489-F      | 10FC-RY489-F-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 9.7    | mg/kg |
| RY489-F      | 10FC-RY489-F-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | VANADIUM      | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 11.5   | mg/kg |
| RY489-F      | 10FC-RY489-F-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 37.5   | mg/kg |
| RY489-F      | 10FC-RY489-F-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 2070   | mg/kg |
| RY489-F      | 10FC-RY489-F-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.41   | mg/kg |
| RY489-F      | 10FC-RY489-F-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | ALUMINUM      | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 6830   | mg/kg |
| RY489-F      | 10FC-RY489-F-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | IRON          | 10.0                | Y           |               |              |           | 10.0                | mg/kg | 6260   | mg/kg |
| RY489-F      | 10FC-RY489-F-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | LEAD          | 1.0                 | Y           | J+            | J+           |           | 1.0                 | mg/kg | 3.9    | mg/kg |
| RY489-F      | 10FC-RY489-F-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1770   | mg/kg |
| RY489-F      | 10FC-RY489-F-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 243    | mg/kg |
| RY489-F      | 10FC-RY489-F-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | NICKEL        | 4.0                 | Y           |               |              |           | 4.0                 | mg/kg | 4.6    | mg/kg |
| RY489-F      | 10FC-RY489-F-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1140   | mg/kg |
| RY489-F      | 10FC-RY489-F-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | SILVER        | 1.0                 | N           | U             |              | U         | 1.0                 | mg/kg | 1.1    | mg/kg |
| RY489-F      | 10FC-RY489-F-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | SODIUM        | 500                 | Y           | J             | J            | J         | 500                 | mg/kg | 123    | mg/kg |
| RY489-F      | 10FC-RY489-F-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.9    | mg/kg |
| RY489-F      | 10FC-RY489-F-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | ANTIMONY      | 6.0                 | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 6.8    | mg/kg |
| RY489-F      | 10FC-RY489-F-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | ARSENIC       | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 1.9    | mg/kg |
| RY489-F      | 10FC-RY489-F-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | BARIUM        | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 128    | mg/kg |
| RY489-F      | 10FC-RY489-F-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | BERYLLIUM     | 0.50                | Y           | J             |              | J         | 0.50                | mg/kg | 0.094  | mg/kg |
| RY489-F      | 10FC-RY489-F-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | CADMIUM       | 0.50                | N           | U             |              | U         | 0.50                | mg/kg | 0.57   | mg/kg |
| RY489-F      | 10FC-RY489-F-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | CHROMIUM      | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 4.3    | mg/kg |
| RY489-F      | 10FC-RY489-F-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | COBALT        | 5.0                 | Y           | J             |              | J         | 5.0                 | mg/kg | 3.1    | mg/kg |
| RY489-F      | 10FC-RY489-F-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 5.5    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code       | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-----------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY489-F      | 10FC-RY489-F-002006   | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | VANADIUM      | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 7.1    | mg/kg |
| RY489-F      | 10FC-RY489-F-002006   | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 21.9   | mg/kg |
| RY489-F      | 10FC-RY489-F-002006   | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 1030   | mg/kg |
| RY489-F      | 10FC-RY489-F-002006   | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 4      | mg/kg |
| RY489-F      | 10FC-RY489-F-006012   | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | ALUMINUM      | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 5000   | mg/kg |
| RY489-F      | 10FC-RY489-F-006012   | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | IRON          | 10.0                | Y           |               |              |           | 10.0                | mg/kg | 4590   | mg/kg |
| RY489-F      | 10FC-RY489-F-006012   | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | LEAD          | 1.0                 | Y           | J+            | J+           |           | 1.0                 | mg/kg | 2.9    | mg/kg |
| RY489-F      | 10FC-RY489-F-006012   | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1300   | mg/kg |
| RY489-F      | 10FC-RY489-F-006012   | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 196    | mg/kg |
| RY489-F      | 10FC-RY489-F-006012   | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | NICKEL        | 4.0                 | Y           | J             |              | J         | 4.0                 | mg/kg | 3.4    | mg/kg |
| RY489-F      | 10FC-RY489-F-006012   | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 820    | mg/kg |
| RY489-F      | 10FC-RY489-F-006012   | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | SILVER        | 1.0                 | N           | U             |              | U         | 1.0                 | mg/kg | 1.1    | mg/kg |
| RY489-F      | 10FC-RY489-F-006012   | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | SODIUM        | 500                 | Y           | J             | J            | J         | 500                 | mg/kg | 100    | mg/kg |
| RY489-F      | 10FC-RY489-F-006012   | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.9    | mg/kg |
| RY489-F      | 10FC-RY489-F-006012   | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | ANTIMONY      | 6.0                 | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 6.8    | mg/kg |
| RY489-F      | 10FC-RY489-F-006012   | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | ARSENIC       | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 1.5    | mg/kg |
| RY489-F      | 10FC-RY489-F-006012   | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | BARIUM        | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 98.5   | mg/kg |
| RY489-F      | 10FC-RY489-F-006012   | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | BERYLLIUM     | 0.50                | Y           | J             |              | J         | 0.50                | mg/kg | 0.058  | mg/kg |
| RY489-F      | 10FC-RY489-F-006012   | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | CADMIUM       | 0.50                | N           | U             |              | U         | 0.50                | mg/kg | 0.57   | mg/kg |
| RY489-F      | 10FC-RY489-F-006012   | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | CHROMIUM      | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 3.1    | mg/kg |
| RY489-F      | 10FC-RY489-F-006012   | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | COBALT        | 5.0                 | Y           | J             |              | J         | 5.0                 | mg/kg | 2.6    | mg/kg |
| RY489-F      | 10FC-RY489-F-006012   | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 4      | mg/kg |
| RY489-F      | 10FC-RY489-F-006012   | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | VANADIUM      | 5.0                 | Y           | J             |              | J         | 5.0                 | mg/kg | 5.4    | mg/kg |
| RY489-F      | 10FC-RY489-F-006012   | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 15.8   | mg/kg |
| RY489-F      | 10FC-RY489-F-006012   | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 803    | mg/kg |
| RY489-F      | 10FC-RY489-F-006012   | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 4      | mg/kg |
| RY489-F      | 10FC-RY489-F-006012-D | 7/8/2010    | FD          | 6           | 12        | in         | C200.7          | 10/21/2010    | ALUMINUM      | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 6200   | mg/kg |
| RY489-F      | 10FC-RY489-F-006012-D | 7/8/2010    | FD          | 6           | 12        | in         | C200.7          | 10/21/2010    | IRON          | 10.0                | Y           |               |              |           | 10.0                | mg/kg | 5790   | mg/kg |
| RY489-F      | 10FC-RY489-F-006012-D | 7/8/2010    | FD          | 6           | 12        | in         | C200.7          | 10/21/2010    | LEAD          | 1.0                 | Y           | J+            | J+           |           | 1.0                 | mg/kg | 3.5    | mg/kg |
| RY489-F      | 10FC-RY489-F-006012-D | 7/8/2010    | FD          | 6           | 12        | in         | C200.7          | 10/21/2010    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1560   | mg/kg |
| RY489-F      | 10FC-RY489-F-006012-D | 7/8/2010    | FD          | 6           | 12        | in         | C200.7          | 10/21/2010    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 544    | mg/kg |
| RY489-F      | 10FC-RY489-F-006012-D | 7/8/2010    | FD          | 6           | 12        | in         | C200.7          | 10/21/2010    | NICKEL        | 4.0                 | Y           |               |              |           | 4.0                 | mg/kg | 4.6    | mg/kg |
| RY489-F      | 10FC-RY489-F-006012-D | 7/8/2010    | FD          | 6           | 12        | in         | C200.7          | 10/21/2010    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1020   | mg/kg |
| RY489-F      | 10FC-RY489-F-006012-D | 7/8/2010    | FD          | 6           | 12        | in         | C200.7          | 10/21/2010    | SILVER        | 1.0                 | N           | U             |              | U         | 1.0                 | mg/kg | 1.1    | mg/kg |
| RY489-F      | 10FC-RY489-F-006012-D | 7/8/2010    | FD          | 6           | 12        | in         | C200.7          | 10/21/2010    | SODIUM        | 500                 | Y           | J             | J            | J         | 500                 | mg/kg | 116    | mg/kg |
| RY489-F      | 10FC-RY489-F-006012-D | 7/8/2010    | FD          | 6           | 12        | in         | C200.7          | 10/21/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.8    | mg/kg |
| RY489-F      | 10FC-RY489-F-006012-D | 7/8/2010    | FD          | 6           | 12        | in         | C200.7          | 10/21/2010    | ANTIMONY      | 6.0                 | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 6.8    | mg/kg |
| RY489-F      | 10FC-RY489-F-006012-D | 7/8/2010    | FD          | 6           | 12        | in         | C200.7          | 10/21/2010    | ARSENIC       | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 1.9    | mg/kg |
| RY489-F      | 10FC-RY489-F-006012-D | 7/8/2010    | FD          | 6           | 12        | in         | C200.7          | 10/21/2010    | BARIUM        | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 152    | mg/kg |
| RY489-F      | 10FC-RY489-F-006012-D | 7/8/2010    | FD          | 6           | 12        | in         | C200.7          | 10/21/2010    | BERYLLIUM     | 0.50                | Y           | J             |              | J         | 0.50                | mg/kg | 0.1    | mg/kg |
| RY489-F      | 10FC-RY489-F-006012-D | 7/8/2010    | FD          | 6           | 12        | in         | C200.7          | 10/21/2010    | CADMIUM       | 0.50                | N           | U             |              | U         | 0.50                | mg/kg | 0.57   | mg/kg |
| RY489-F      | 10FC-RY489-F-006012-D | 7/8/2010    | FD          | 6           | 12        | in         | C200.7          | 10/21/2010    | CHROMIUM      | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 3.8    | mg/kg |
| RY489-F      | 10FC-RY489-F-006012-D | 7/8/2010    | FD          | 6           | 12        | in         | C200.7          | 10/21/2010    | COBALT        | 5.0                 | Y           | J             |              | J         | 5.0                 | mg/kg | 4.1    | mg/kg |
| RY489-F      | 10FC-RY489-F-006012-D | 7/8/2010    | FD          | 6           | 12        | in         | C200.7          | 10/21/2010    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 4.6    | mg/kg |
| RY489-F      | 10FC-RY489-F-006012-D | 7/8/2010    | FD          | 6           | 12        | in         | C200.7          | 10/21/2010    | VANADIUM      | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 7      | mg/kg |
| RY489-F      | 10FC-RY489-F-006012-D | 7/8/2010    | FD          | 6           | 12        | in         | C200.7          | 10/21/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 20     | mg/kg |
| RY489-F      | 10FC-RY489-F-006012-D | 7/8/2010    | FD          | 6           | 12        | in         | C200.7          | 10/21/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 902    | mg/kg |
| RY489-F      | 10FC-RY489-F-006012-D | 7/8/2010    | FD          | 6           | 12        | in         | C200.7          | 10/21/2010    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.78   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY489-G      | 10FC-RY489-G-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | ALUMINUM      | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 5940   | mg/kg |
| RY489-G      | 10FC-RY489-G-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | IRON          | 10.0          | Y           |               |              |           | 10.0                | mg/kg | 5580   | mg/kg |
| RY489-G      | 10FC-RY489-G-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | LEAD          | 1.0           | Y           | J+            | J+           |           | 1.0                 | mg/kg | 3.1    | mg/kg |
| RY489-G      | 10FC-RY489-G-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | MAGNESIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 1640   | mg/kg |
| RY489-G      | 10FC-RY489-G-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | MANGANESE     | 1.5           | Y           | J             | J            |           | 1.5                 | mg/kg | 348    | mg/kg |
| RY489-G      | 10FC-RY489-G-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | NICKEL        | 4.0           | Y           | J             |              | J         | 4.0                 | mg/kg | 3.5    | mg/kg |
| RY489-G      | 10FC-RY489-G-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | POTASSIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 1040   | mg/kg |
| RY489-G      | 10FC-RY489-G-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | SILVER        | 1.0           | N           | U             |              | U         | 1.0                 | mg/kg | 1.1    | mg/kg |
| RY489-G      | 10FC-RY489-G-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | SODIUM        | 500           | Y           | J             | J            | J         | 500                 | mg/kg | 134    | mg/kg |
| RY489-G      | 10FC-RY489-G-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.8    | mg/kg |
| RY489-G      | 10FC-RY489-G-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | ANTIMONY      | 6.0           | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 6.8    | mg/kg |
| RY489-G      | 10FC-RY489-G-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | ARSENIC       | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 1.5    | mg/kg |
| RY489-G      | 10FC-RY489-G-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | BARIUM        | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 133    | mg/kg |
| RY489-G      | 10FC-RY489-G-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | BERYLLIUM     | 0.50          | Y           | J             |              | J         | 0.50                | mg/kg | 0.075  | mg/kg |
| RY489-G      | 10FC-RY489-G-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | CADMIUM       | 0.50          | N           | U             |              | U         | 0.50                | mg/kg | 0.57   | mg/kg |
| RY489-G      | 10FC-RY489-G-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | CHROMIUM      | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 3.7    | mg/kg |
| RY489-G      | 10FC-RY489-G-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | COBALT        | 5.0           | Y           | J             |              | J         | 5.0                 | mg/kg | 2.8    | mg/kg |
| RY489-G      | 10FC-RY489-G-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | COPPER        | 2.5           | Y           |               |              |           | 2.5                 | mg/kg | 4.2    | mg/kg |
| RY489-G      | 10FC-RY489-G-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | VANADIUM      | 5.0           | Y           |               |              |           | 5.0                 | mg/kg | 6.1    | mg/kg |
| RY489-G      | 10FC-RY489-G-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | ZINC          | 6.0           | Y           |               |              |           | 6.0                 | mg/kg | 16.1   | mg/kg |
| RY489-G      | 10FC-RY489-G-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | CALCIUM       | 500           | Y           |               |              |           | 500                 | mg/kg | 939    | mg/kg |
| RY489-G      | 10FC-RY489-G-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | SELENIUM      | 3.5           | N           | U             |              | U         | 3.5                 | mg/kg | 4      | mg/kg |
| RY489-G      | 10FC-RY489-G-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | ALUMINUM      | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 7870   | mg/kg |
| RY489-G      | 10FC-RY489-G-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | IRON          | 10.0          | Y           |               |              |           | 10.0                | mg/kg | 7220   | mg/kg |
| RY489-G      | 10FC-RY489-G-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | LEAD          | 1.0           | Y           | J+            | J+           |           | 1.0                 | mg/kg | 3.5    | mg/kg |
| RY489-G      | 10FC-RY489-G-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | MAGNESIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 2190   | mg/kg |
| RY489-G      | 10FC-RY489-G-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | MANGANESE     | 1.5           | Y           | J             | J            |           | 1.5                 | mg/kg | 322    | mg/kg |
| RY489-G      | 10FC-RY489-G-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | NICKEL        | 4.0           | Y           | J             |              | J         | 4.0                 | mg/kg | 4.3    | mg/kg |
| RY489-G      | 10FC-RY489-G-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | POTASSIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 1300   | mg/kg |
| RY489-G      | 10FC-RY489-G-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | SILVER        | 1.0           | N           | U             |              | U         | 1.0                 | mg/kg | 1.1    | mg/kg |
| RY489-G      | 10FC-RY489-G-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | SODIUM        | 500           | Y           | J             | J            | J         | 500                 | mg/kg | 152    | mg/kg |
| RY489-G      | 10FC-RY489-G-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.8    | mg/kg |
| RY489-G      | 10FC-RY489-G-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | ANTIMONY      | 6.0           | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 6.8    | mg/kg |
| RY489-G      | 10FC-RY489-G-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | ARSENIC       | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 1.6    | mg/kg |
| RY489-G      | 10FC-RY489-G-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | BARIUM        | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 144    | mg/kg |
| RY489-G      | 10FC-RY489-G-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | BERYLLIUM     | 0.50          | Y           | J             |              | J         | 0.50                | mg/kg | 0.12   | mg/kg |
| RY489-G      | 10FC-RY489-G-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | CADMIUM       | 0.50          | N           | U             |              | U         | 0.50                | mg/kg | 0.56   | mg/kg |
| RY489-G      | 10FC-RY489-G-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | CHROMIUM      | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 4.9    | mg/kg |
| RY489-G      | 10FC-RY489-G-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | COBALT        | 5.0           | Y           | J             |              | J         | 5.0                 | mg/kg | 3.3    | mg/kg |
| RY489-G      | 10FC-RY489-G-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | COPPER        | 2.5           | Y           |               |              |           | 2.5                 | mg/kg | 5.1    | mg/kg |
| RY489-G      | 10FC-RY489-G-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | VANADIUM      | 5.0           | Y           |               |              |           | 5.0                 | mg/kg | 7.9    | mg/kg |
| RY489-G      | 10FC-RY489-G-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | ZINC          | 6.0           | Y           |               |              |           | 6.0                 | mg/kg | 19.6   | mg/kg |
| RY489-G      | 10FC-RY489-G-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | CALCIUM       | 500           | Y           |               |              |           | 500                 | mg/kg | 1200   | mg/kg |
| RY489-G      | 10FC-RY489-G-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | SELENIUM      | 3.5           | Y           | J             |              | J         | 3.5                 | mg/kg | 0.34   | mg/kg |
| RY489-G      | 10FC-RY489-G-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | ALUMINUM      | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 3810   | mg/kg |
| RY489-G      | 10FC-RY489-G-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | IRON          | 10.0          | Y           |               |              |           | 10.0                | mg/kg | 3640   | mg/kg |
| RY489-G      | 10FC-RY489-G-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | LEAD          | 1.0           | Y           | J+            | J+           |           | 1.0                 | mg/kg | 2      | mg/kg |
| RY489-G      | 10FC-RY489-G-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | MAGNESIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 1050   | mg/kg |



Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                         |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY489-G      | 10FC-RY489-G-006012     | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | MANGANESE     | 1.5           | Y           | J             | J            |           | 1.5                 | mg/kg | 150    | mg/kg |
| RY489-G      | 10FC-RY489-G-006012     | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | NICKEL        | 4.0           | Y           |               |              | J         | 4.0                 | mg/kg | 2.5    | mg/kg |
| RY489-G      | 10FC-RY489-G-006012     | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | POTASSIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 664    | mg/kg |
| RY489-G      | 10FC-RY489-G-006012     | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | SILVER        | 1.0           | N           | U             |              | U         | 1.0                 | mg/kg | 1.1    | mg/kg |
| RY489-G      | 10FC-RY489-G-006012     | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | SODIUM        | 500           | Y           | J             | J            | J         | 500                 | mg/kg | 89.6   | mg/kg |
| RY489-G      | 10FC-RY489-G-006012     | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.8    | mg/kg |
| RY489-G      | 10FC-RY489-G-006012     | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | ANTIMONY      | 6.0           | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 6.7    | mg/kg |
| RY489-G      | 10FC-RY489-G-006012     | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | ARSENIC       | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 1.3    | mg/kg |
| RY489-G      | 10FC-RY489-G-006012     | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | BARIUM        | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 69     | mg/kg |
| RY489-G      | 10FC-RY489-G-006012     | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | BERYLLIUM     | 0.50          | Y           | J             |              | J         | 0.50                | mg/kg | 0.022  | mg/kg |
| RY489-G      | 10FC-RY489-G-006012     | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | CADMIUM       | 0.50          | N           | U             |              | U         | 0.50                | mg/kg | 0.56   | mg/kg |
| RY489-G      | 10FC-RY489-G-006012     | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | CHROMIUM      | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 2.6    | mg/kg |
| RY489-G      | 10FC-RY489-G-006012     | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | COBALT        | 5.0           | Y           | J             |              | J         | 5.0                 | mg/kg | 1.9    | mg/kg |
| RY489-G      | 10FC-RY489-G-006012     | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | COPPER        | 2.5           | Y           |               |              |           | 2.5                 | mg/kg | 3      | mg/kg |
| RY489-G      | 10FC-RY489-G-006012     | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | VANADIUM      | 5.0           | Y           | J             |              | J         | 5.0                 | mg/kg | 4.2    | mg/kg |
| RY489-G      | 10FC-RY489-G-006012     | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | ZINC          | 6.0           | Y           |               |              |           | 6.0                 | mg/kg | 11.5   | mg/kg |
| RY489-G      | 10FC-RY489-G-006012     | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | CALCIUM       | 500           | Y           |               |              |           | 500                 | mg/kg | 592    | mg/kg |
| RY489-G      | 10FC-RY489-G-006012     | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | SELENIUM      | 3.5           | N           | U             |              | U         | 3.5                 | mg/kg | 3.9    | mg/kg |
| RY489-H      | 10FC-RY489-H-000002     | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | ALUMINUM      | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 6380   | mg/kg |
| RY489-H      | 10FC-RY489-H-000002     | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | IRON          | 10.0          | Y           |               |              |           | 10.0                | mg/kg | 8290   | mg/kg |
| RY489-H      | 10FC-RY489-H-000002     | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | LEAD          | 1.0           | Y           | J+            | J+           |           | 1.0                 | mg/kg | 4.2    | mg/kg |
| RY489-H      | 10FC-RY489-H-000002     | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | MAGNESIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 2860   | mg/kg |
| RY489-H      | 10FC-RY489-H-000002     | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | MANGANESE     | 1.5           | Y           | J             | J            |           | 1.5                 | mg/kg | 305    | mg/kg |
| RY489-H      | 10FC-RY489-H-000002     | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | NICKEL        | 4.0           | Y           |               |              |           | 4.0                 | mg/kg | 5.6    | mg/kg |
| RY489-H      | 10FC-RY489-H-000002     | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | POTASSIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 1000   | mg/kg |
| RY489-H      | 10FC-RY489-H-000002     | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | SILVER        | 1.0           | N           | U             |              | U         | 1.0                 | mg/kg | 1.1    | mg/kg |
| RY489-H      | 10FC-RY489-H-000002     | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | SODIUM        | 500           | Y           | J             | J            | J         | 500                 | mg/kg | 148    | mg/kg |
| RY489-H      | 10FC-RY489-H-000002     | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.8    | mg/kg |
| RY018-NSS-B  | 09FC-RY018-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | VANADIUM      | 5             | Y           |               |              |           | 5                   | mg/kg | 12.1   | mg/kg |
| RY018-NSS-B  | 09FC-RY018-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ZINC          | 6             | Y           |               |              |           | 6                   | mg/kg | 124    | mg/kg |
| RY018-NSS-B  | 09FC-RY018-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CALCIUM       | 500           | Y           |               |              |           | 500                 | mg/kg | 3980   | mg/kg |
| RY018-NSS-B  | 09FC-RY018-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SELENIUM      | 3.5           | N           | U             |              | U         | 3.5                 | mg/kg | 4.1    | mg/kg |
| RY018-NSS-D  | 09FC-RY018-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ALUMINUM      | 20            | Y           |               |              |           | 20                  | mg/kg | 5590   | mg/kg |
| RY018-NSS-D  | 09FC-RY018-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | IRON          | 10            | Y           |               |              |           | 10                  | mg/kg | 7300   | mg/kg |
| RY018-NSS-D  | 09FC-RY018-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | LEAD          | 1             | Y           | J+            | J+           |           | 1                   | mg/kg | 42.5   | mg/kg |
| RY018-NSS-D  | 09FC-RY018-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | MAGNESIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 3120   | mg/kg |
| RY018-NSS-D  | 09FC-RY018-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | MANGANESE     | 1.5           | Y           |               |              |           | 1.5                 | mg/kg | 347    | mg/kg |
| RY018-NSS-D  | 09FC-RY018-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | NICKEL        | 4             | Y           |               |              |           | 4                   | mg/kg | 5.8    | mg/kg |
| RY018-NSS-D  | 09FC-RY018-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | POTASSIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 1000   | mg/kg |
| RY018-NSS-D  | 09FC-RY018-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SILVER        | 1             | N           | U             |              | U         | 1                   | mg/kg | 1      | mg/kg |
| RY018-NSS-D  | 09FC-RY018-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SODIUM        | 500           | N           | U             |              | U         | 500                 | mg/kg | 508    | mg/kg |
| RY018-NSS-D  | 09FC-RY018-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.5    | mg/kg |
| RY018-NSS-D  | 09FC-RY018-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ANTIMONY      | 6             | N           | UJ            | UJ           | U         | 6                   | mg/kg | 6.1    | mg/kg |
| RY018-NSS-D  | 09FC-RY018-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ARSENIC       | 1             | Y           |               |              |           | 1                   | mg/kg | 3.4    | mg/kg |
| RY018-NSS-D  | 09FC-RY018-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | BARIUM        | 20            | Y           |               |              |           | 20                  | mg/kg | 163    | mg/kg |
| RY018-NSS-D  | 09FC-RY018-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | BERYLLIUM     | 0.5           | Y           | J             |              | J         | 0.5                 | mg/kg | 0.26   | mg/kg |
| RY018-NSS-D  | 09FC-RY018-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CADMIUM       | 0.5           | Y           | J             |              | J         | 0.5                 | mg/kg | 0.24   | mg/kg |
| RY018-NSS-D  | 09FC-RY018-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CHROMIUM      | 1             | Y           |               |              |           | 1                   | mg/kg | 5.5    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY018-NSS-D  | 09FC-RY018-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.9    | mg/kg |
| RY018-NSS-D  | 09FC-RY018-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 10.2   | mg/kg |
| RY018-NSS-D  | 09FC-RY018-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 8.7    | mg/kg |
| RY018-NSS-D  | 09FC-RY018-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 82.4   | mg/kg |
| RY018-NSS-D  | 09FC-RY018-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 2530   | mg/kg |
| RY018-NSS-D  | 09FC-RY018-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.6    | mg/kg |
| RY019-NSB-D  | 09FC-RY019-NSB-D-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 8250   | mg/kg |
| RY019-NSB-D  | 09FC-RY019-NSB-D-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 8470   | mg/kg |
| RY019-NSB-D  | 09FC-RY019-NSB-D-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 156    | mg/kg |
| RY019-NSB-D  | 09FC-RY019-NSB-D-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2970   | mg/kg |
| RY019-NSB-D  | 09FC-RY019-NSB-D-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 497    | mg/kg |
| RY019-NSB-D  | 09FC-RY019-NSB-D-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.6    | mg/kg |
| RY019-NSB-D  | 09FC-RY019-NSB-D-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1390   | mg/kg |
| RY019-NSB-D  | 09FC-RY019-NSB-D-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 1.1    | mg/kg |
| RY019-NSB-D  | 09FC-RY019-NSB-D-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 558    | mg/kg |
| RY019-NSB-D  | 09FC-RY019-NSB-D-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.8    | mg/kg |
| RY019-NSB-D  | 09FC-RY019-NSB-D-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | ANTIMONY      | 6                   | N           | UJ            | UJ           | U         | 6                   | mg/kg | 6.7    | mg/kg |
| RY019-NSB-D  | 09FC-RY019-NSB-D-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 3.5    | mg/kg |
| RY019-NSB-D  | 09FC-RY019-NSB-D-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 240    | mg/kg |
| RY019-NSB-D  | 09FC-RY019-NSB-D-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.34   | mg/kg |
| RY019-NSB-D  | 09FC-RY019-NSB-D-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | CADMIUM       | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.31   | mg/kg |
| RY019-NSB-D  | 09FC-RY019-NSB-D-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 7.4    | mg/kg |
| RY019-NSB-D  | 09FC-RY019-NSB-D-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 5.7    | mg/kg |
| RY019-NSB-D  | 09FC-RY019-NSB-D-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 11.6   | mg/kg |
| RY019-NSB-D  | 09FC-RY019-NSB-D-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 11.4   | mg/kg |
| RY019-NSB-D  | 09FC-RY019-NSB-D-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 86.2   | mg/kg |
| RY019-NSB-D  | 09FC-RY019-NSB-D-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 2930   | mg/kg |
| RY019-NSB-D  | 09FC-RY019-NSB-D-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.9    | mg/kg |
| RY019-NSB-D  | 09FC-RY019-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 8540   | mg/kg |
| RY019-NSB-D  | 09FC-RY019-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 8440   | mg/kg |
| RY019-NSB-D  | 09FC-RY019-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 67.8   | mg/kg |
| RY019-NSB-D  | 09FC-RY019-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2880   | mg/kg |
| RY019-NSB-D  | 09FC-RY019-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 392    | mg/kg |
| RY019-NSB-D  | 09FC-RY019-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.3    | mg/kg |
| RY019-NSB-D  | 09FC-RY019-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1540   | mg/kg |
| RY019-NSB-D  | 09FC-RY019-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 1.1    | mg/kg |
| RY019-NSB-D  | 09FC-RY019-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 553    | mg/kg |
| RY019-NSB-D  | 09FC-RY019-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.8    | mg/kg |
| RY019-NSB-D  | 09FC-RY019-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | ANTIMONY      | 6                   | N           | UJ            | UJ           | U         | 6                   | mg/kg | 6.6    | mg/kg |
| RY019-NSB-D  | 09FC-RY019-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 3.2    | mg/kg |
| RY019-NSB-D  | 09FC-RY019-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 219    | mg/kg |
| RY019-NSB-D  | 09FC-RY019-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.32   | mg/kg |
| RY019-NSB-D  | 09FC-RY019-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | CADMIUM       | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.22   | mg/kg |
| RY019-NSB-D  | 09FC-RY019-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 6      | mg/kg |
| RY019-NSB-D  | 09FC-RY019-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 5.5    | mg/kg |
| RY019-NSB-D  | 09FC-RY019-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 10.2   | mg/kg |
| RY019-NSB-D  | 09FC-RY019-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 11.5   | mg/kg |
| RY019-NSB-D  | 09FC-RY019-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 61.2   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                         |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY019-NSB-D  | 09FC-RY019-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | CALCIUM       | 500           | Y           |               |              |           | 500                 | mg/kg | 2110   | mg/kg |
| RY019-NSB-D  | 09FC-RY019-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | SELENIUM      | 3.5           | N           | U             |              | U         | 3.5                 | mg/kg | 3.9    | mg/kg |
| RY019-NSS-A  | 09FC-RY019-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ALUMINUM      | 20            | Y           |               |              |           | 20                  | mg/kg | 7580   | mg/kg |
| RY019-NSS-A  | 09FC-RY019-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | IRON          | 10            | Y           |               |              |           | 10                  | mg/kg | 7830   | mg/kg |
| RY019-NSS-A  | 09FC-RY019-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | LEAD          | 1             | Y           | J+            | J+           |           | 1                   | mg/kg | 28     | mg/kg |
| RY019-NSS-A  | 09FC-RY019-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | MAGNESIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 2890   | mg/kg |
| RY019-NSS-A  | 09FC-RY019-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | MANGANESE     | 1.5           | Y           |               |              |           | 1.5                 | mg/kg | 338    | mg/kg |
| RY019-NSS-A  | 09FC-RY019-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | NICKEL        | 4             | Y           |               |              |           | 4                   | mg/kg | 6.4    | mg/kg |
| RY019-NSS-A  | 09FC-RY019-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | POTASSIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 1410   | mg/kg |
| RY019-NSS-A  | 09FC-RY019-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SILVER        | 1             | N           | U             |              | U         | 1                   | mg/kg | 1.1    | mg/kg |
| RY019-NSS-A  | 09FC-RY019-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SODIUM        | 500           | N           | U             |              | U         | 500                 | mg/kg | 534    | mg/kg |
| RY019-NSS-A  | 09FC-RY019-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.7    | mg/kg |
| RY019-NSS-A  | 09FC-RY019-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ANTIMONY      | 6             | N           | UJ            | UJ           | U         | 6                   | mg/kg | 6.4    | mg/kg |
| RY019-NSS-A  | 09FC-RY019-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ARSENIC       | 1             | Y           |               |              |           | 1                   | mg/kg | 3.2    | mg/kg |
| RY019-NSS-A  | 09FC-RY019-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | BARIUM        | 20            | Y           |               |              |           | 20                  | mg/kg | 172    | mg/kg |
| RY019-NSS-A  | 09FC-RY019-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | BERYLLIUM     | 0.5           | Y           | J             |              | J         | 0.5                 | mg/kg | 0.26   | mg/kg |
| RY019-NSS-A  | 09FC-RY019-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CADMIUM       | 0.5           | Y           | J             |              | J         | 0.5                 | mg/kg | 0.26   | mg/kg |
| RY019-NSS-A  | 09FC-RY019-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CHROMIUM      | 1             | Y           |               |              |           | 1                   | mg/kg | 7.5    | mg/kg |
| RY019-NSS-A  | 09FC-RY019-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | COBALT        | 5             | Y           |               |              |           | 5                   | mg/kg | 5.5    | mg/kg |
| RY019-NSS-A  | 09FC-RY019-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | COPPER        | 2.5           | Y           |               |              |           | 2.5                 | mg/kg | 14.5   | mg/kg |
| RY019-NSS-A  | 09FC-RY019-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | VANADIUM      | 5             | Y           |               |              |           | 5                   | mg/kg | 10.4   | mg/kg |
| RY019-NSS-A  | 09FC-RY019-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ZINC          | 6             | Y           |               |              |           | 6                   | mg/kg | 105    | mg/kg |
| RY019-NSS-A  | 09FC-RY019-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CALCIUM       | 500           | Y           |               |              |           | 500                 | mg/kg | 3090   | mg/kg |
| RY019-NSS-A  | 09FC-RY019-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SELENIUM      | 3.5           | N           | U             |              | U         | 3.5                 | mg/kg | 3.7    | mg/kg |
| RY019-NSS-B  | 09FC-RY019-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ALUMINUM      | 20            | Y           |               |              |           | 20                  | mg/kg | 9610   | mg/kg |
| RY019-NSS-B  | 09FC-RY019-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | IRON          | 10            | Y           |               |              |           | 10                  | mg/kg | 8360   | mg/kg |
| RY019-NSS-B  | 09FC-RY019-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | LEAD          | 1             | Y           | J+            | J+           |           | 1                   | mg/kg | 22.7   | mg/kg |
| RY019-NSS-B  | 09FC-RY019-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | MAGNESIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 3000   | mg/kg |
| RY019-NSS-B  | 09FC-RY019-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | MANGANESE     | 1.5           | Y           |               |              |           | 1.5                 | mg/kg | 462    | mg/kg |
| RY019-NSS-B  | 09FC-RY019-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | NICKEL        | 4             | Y           |               |              |           | 4                   | mg/kg | 6.2    | mg/kg |
| RY019-NSS-B  | 09FC-RY019-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | POTASSIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 1720   | mg/kg |
| RY019-NSS-B  | 09FC-RY019-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SILVER        | 1             | N           | U             |              | U         | 1                   | mg/kg | 1.1    | mg/kg |
| RY019-NSS-B  | 09FC-RY019-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SODIUM        | 500           | N           | U             |              | U         | 500                 | mg/kg | 560    | mg/kg |
| RY019-NSS-B  | 09FC-RY019-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.8    | mg/kg |
| RY019-NSS-B  | 09FC-RY019-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ANTIMONY      | 6             | N           | UJ            | UJ           | U         | 6                   | mg/kg | 6.7    | mg/kg |
| RY019-NSS-B  | 09FC-RY019-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ARSENIC       | 1             | Y           |               |              |           | 1                   | mg/kg | 3.2    | mg/kg |
| RY019-NSS-B  | 09FC-RY019-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | BARIUM        | 20            | Y           |               |              |           | 20                  | mg/kg | 210    | mg/kg |
| RY019-NSS-B  | 09FC-RY019-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | BERYLLIUM     | 0.5           | Y           | J             |              | J         | 0.5                 | mg/kg | 0.33   | mg/kg |
| RY019-NSS-B  | 09FC-RY019-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CADMIUM       | 0.5           | Y           | J             |              | J         | 0.5                 | mg/kg | 0.23   | mg/kg |
| RY019-NSS-B  | 09FC-RY019-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CHROMIUM      | 1             | Y           |               |              |           | 1                   | mg/kg | 7.6    | mg/kg |
| RY019-NSS-B  | 09FC-RY019-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | COBALT        | 5             | Y           |               |              |           | 5                   | mg/kg | 5.7    | mg/kg |
| RY019-NSS-B  | 09FC-RY019-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | COPPER        | 2.5           | Y           |               |              |           | 2.5                 | mg/kg | 11.5   | mg/kg |
| RY019-NSS-B  | 09FC-RY019-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | VANADIUM      | 5             | Y           |               |              |           | 5                   | mg/kg | 10.2   | mg/kg |
| RY019-NSS-B  | 09FC-RY019-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ZINC          | 6             | Y           |               |              |           | 6                   | mg/kg | 127    | mg/kg |
| RY019-NSS-B  | 09FC-RY019-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CALCIUM       | 500           | Y           |               |              |           | 500                 | mg/kg | 4280   | mg/kg |
| RY019-NSS-B  | 09FC-RY019-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SELENIUM      | 3.5           | N           | U             |              | U         | 3.5                 | mg/kg | 3.9    | mg/kg |
| RY019-NSS-C  | 09FC-RY019-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ALUMINUM      | 20            | Y           |               |              |           | 20                  | mg/kg | 6440   | mg/kg |
| RY019-NSS-C  | 09FC-RY019-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | IRON          | 10            | Y           |               |              |           | 10                  | mg/kg | 8530   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY019-NSS-C  | 09FC-RY019-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 28.3   | mg/kg |
| RY019-NSS-C  | 09FC-RY019-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3380   | mg/kg |
| RY019-NSS-C  | 09FC-RY019-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 294    | mg/kg |
| RY019-NSS-C  | 09FC-RY019-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.9    | mg/kg |
| RY019-NSS-C  | 09FC-RY019-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1330   | mg/kg |
| RY019-NSS-C  | 09FC-RY019-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 1      | mg/kg |
| RY019-NSS-C  | 09FC-RY019-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 511    | mg/kg |
| RY019-NSS-C  | 09FC-RY019-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY019-NSS-C  | 09FC-RY019-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ANTIMONY      | 6                   | N           | UJ            | UJ           | U         | 6                   | mg/kg | 6.1    | mg/kg |
| RY019-NSS-C  | 09FC-RY019-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 5.5    | mg/kg |
| RY019-NSS-C  | 09FC-RY019-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 134    | mg/kg |
| RY019-NSS-C  | 09FC-RY019-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.25   | mg/kg |
| RY019-NSS-C  | 09FC-RY019-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CADMIUM       | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.22   | mg/kg |
| RY019-NSS-C  | 09FC-RY019-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 6.1    | mg/kg |
| RY019-NSS-C  | 09FC-RY019-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 5.6    | mg/kg |
| RY019-NSS-C  | 09FC-RY019-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 12.1   | mg/kg |
| RY019-NSS-C  | 09FC-RY019-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 10.2   | mg/kg |
| RY019-NSS-C  | 09FC-RY019-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 71     | mg/kg |
| RY019-NSS-C  | 09FC-RY019-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 10100  | mg/kg |
| RY019-NSS-C  | 09FC-RY019-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.6    | mg/kg |
| RY019-NSS-D  | 09FC-RY019-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 7480   | mg/kg |
| RY019-NSS-D  | 09FC-RY019-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 7700   | mg/kg |
| RY019-NSS-D  | 09FC-RY019-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 86.5   | mg/kg |
| RY019-NSS-D  | 09FC-RY019-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2760   | mg/kg |
| RY019-NSS-D  | 09FC-RY019-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 318    | mg/kg |
| RY019-NSS-D  | 09FC-RY019-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 5.7    | mg/kg |
| RY019-NSS-D  | 09FC-RY019-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1470   | mg/kg |
| RY019-NSS-D  | 09FC-RY019-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 1.2    | mg/kg |
| RY019-NSS-D  | 09FC-RY019-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 615    | mg/kg |
| RY019-NSS-D  | 09FC-RY019-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 3.1    | mg/kg |
| RY019-NSS-D  | 09FC-RY019-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ANTIMONY      | 6                   | N           | UJ            | UJ           | U         | 6                   | mg/kg | 7.4    | mg/kg |
| RY019-NSS-D  | 09FC-RY019-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 3      | mg/kg |
| RY019-NSS-D  | 09FC-RY019-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 177    | mg/kg |
| RY019-NSS-D  | 09FC-RY019-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.28   | mg/kg |
| RY019-NSS-D  | 09FC-RY019-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CADMIUM       | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.23   | mg/kg |
| RY019-NSS-D  | 09FC-RY019-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 6.4    | mg/kg |
| RY019-NSS-D  | 09FC-RY019-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 5      | mg/kg |
| RY019-NSS-D  | 09FC-RY019-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 10.5   | mg/kg |
| RY019-NSS-D  | 09FC-RY019-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 10.4   | mg/kg |
| RY019-NSS-D  | 09FC-RY019-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 65.7   | mg/kg |
| RY019-NSS-D  | 09FC-RY019-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 3670   | mg/kg |
| RY019-NSS-D  | 09FC-RY019-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 4.3    | mg/kg |
| RY020-NSS-B  | 09FC-RY020-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 8050   | mg/kg |
| RY020-NSS-B  | 09FC-RY020-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 8040   | mg/kg |
| RY020-NSS-B  | 09FC-RY020-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 32.6   | mg/kg |
| RY020-NSS-B  | 09FC-RY020-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2880   | mg/kg |
| RY020-NSS-B  | 09FC-RY020-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 337    | mg/kg |
| RY020-NSS-B  | 09FC-RY020-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6      | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY020-NSS-B  | 09FC-RY020-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1670   | mg/kg |
| RY020-NSS-B  | 09FC-RY020-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 1.1    | mg/kg |
| RY020-NSS-B  | 09FC-RY020-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 560    | mg/kg |
| RY020-NSS-B  | 09FC-RY020-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.8    | mg/kg |
| RY020-NSS-B  | 09FC-RY020-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ANTIMONY      | 6                   | N           | UJ            | UJ           | U         | 6                   | mg/kg | 6.7    | mg/kg |
| RY020-NSS-B  | 09FC-RY020-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 3.3    | mg/kg |
| RY020-NSS-B  | 09FC-RY020-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 170    | mg/kg |
| RY020-NSS-B  | 09FC-RY020-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.29   | mg/kg |
| RY020-NSS-B  | 09FC-RY020-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CADMIUM       | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.27   | mg/kg |
| RY020-NSS-B  | 09FC-RY020-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 7.1    | mg/kg |
| RY020-NSS-B  | 09FC-RY020-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 5.1    | mg/kg |
| RY020-NSS-B  | 09FC-RY020-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 12.1   | mg/kg |
| RY020-NSS-B  | 09FC-RY020-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 10.9   | mg/kg |
| RY020-NSS-B  | 09FC-RY020-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 64.6   | mg/kg |
| RY020-NSS-B  | 09FC-RY020-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 4570   | mg/kg |
| RY020-NSS-B  | 09FC-RY020-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.9    | mg/kg |
| RY020-NSS-C  | 09FC-RY020-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 6770   | mg/kg |
| RY020-NSS-C  | 09FC-RY020-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 7760   | mg/kg |
| RY020-NSS-C  | 09FC-RY020-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 24.9   | mg/kg |
| RY020-NSS-C  | 09FC-RY020-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2810   | mg/kg |
| RY020-NSS-C  | 09FC-RY020-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 340    | mg/kg |
| RY020-NSS-C  | 09FC-RY020-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 5.8    | mg/kg |
| RY020-NSS-C  | 09FC-RY020-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1250   | mg/kg |
| RY020-NSS-C  | 09FC-RY020-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 1.2    | mg/kg |
| RY020-NSS-C  | 09FC-RY020-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 579    | mg/kg |
| RY020-NSS-C  | 09FC-RY020-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.9    | mg/kg |
| RY020-NSS-C  | 09FC-RY020-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ANTIMONY      | 6                   | N           | UJ            | UJ           | U         | 6                   | mg/kg | 6.9    | mg/kg |
| RY020-NSS-C  | 09FC-RY020-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 3.3    | mg/kg |
| RY020-NSS-C  | 09FC-RY020-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 128    | mg/kg |
| RY020-NSS-C  | 09FC-RY020-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.25   | mg/kg |
| RY020-NSS-C  | 09FC-RY020-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CADMIUM       | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.58   | mg/kg |
| RY020-NSS-C  | 09FC-RY020-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 6.9    | mg/kg |
| RY020-NSS-C  | 09FC-RY020-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.9    | mg/kg |
| RY020-NSS-C  | 09FC-RY020-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 9.7    | mg/kg |
| RY020-NSS-C  | 09FC-RY020-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 10.4   | mg/kg |
| RY020-NSS-C  | 09FC-RY020-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 46.6   | mg/kg |
| RY020-NSS-C  | 09FC-RY020-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 2460   | mg/kg |
| RY020-NSS-C  | 09FC-RY020-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 4      | mg/kg |
| RY021-NSB-B  | 09FC-RY021-NSB-B-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 7150   | mg/kg |
| RY021-NSB-B  | 09FC-RY021-NSB-B-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 9080   | mg/kg |
| RY021-NSB-B  | 09FC-RY021-NSB-B-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 73.1   | mg/kg |
| RY021-NSB-B  | 09FC-RY021-NSB-B-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2980   | mg/kg |
| RY021-NSB-B  | 09FC-RY021-NSB-B-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 320    | mg/kg |
| RY021-NSB-B  | 09FC-RY021-NSB-B-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.8    | mg/kg |
| RY021-NSB-B  | 09FC-RY021-NSB-B-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1370   | mg/kg |
| RY021-NSB-B  | 09FC-RY021-NSB-B-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 1.1    | mg/kg |
| RY021-NSB-B  | 09FC-RY021-NSB-B-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 553    | mg/kg |
| RY021-NSB-B  | 09FC-RY021-NSB-B-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.8    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY021-NSB-B  | 09FC-RY021-NSB-B-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | ANTIMONY      | 6                   | Y           | J             | J            | J         | 6                   | mg/kg | 2.4    | mg/kg |
| RY021-NSB-B  | 09FC-RY021-NSB-B-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 11.3   | mg/kg |
| RY021-NSB-B  | 09FC-RY021-NSB-B-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 136    | mg/kg |
| RY021-NSB-B  | 09FC-RY021-NSB-B-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.28   | mg/kg |
| RY021-NSB-B  | 09FC-RY021-NSB-B-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | CADMIUM       | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.54   | mg/kg |
| RY021-NSB-B  | 09FC-RY021-NSB-B-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 8.5    | mg/kg |
| RY021-NSB-B  | 09FC-RY021-NSB-B-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 5.6    | mg/kg |
| RY021-NSB-B  | 09FC-RY021-NSB-B-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 12.2   | mg/kg |
| RY021-NSB-B  | 09FC-RY021-NSB-B-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 12.6   | mg/kg |
| RY021-NSB-B  | 09FC-RY021-NSB-B-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 102    | mg/kg |
| RY021-NSB-B  | 09FC-RY021-NSB-B-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 2990   | mg/kg |
| RY021-NSB-B  | 09FC-RY021-NSB-B-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.9    | mg/kg |
| RY021-NSB-D  | 09FC-RY021-NSB-D-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 6450   | mg/kg |
| RY021-NSB-D  | 09FC-RY021-NSB-D-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 9310   | mg/kg |
| RY021-NSB-D  | 09FC-RY021-NSB-D-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 160    | mg/kg |
| RY021-NSB-D  | 09FC-RY021-NSB-D-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3690   | mg/kg |
| RY021-NSB-D  | 09FC-RY021-NSB-D-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 338    | mg/kg |
| RY021-NSB-D  | 09FC-RY021-NSB-D-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 7.6    | mg/kg |
| RY021-NSB-D  | 09FC-RY021-NSB-D-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1220   | mg/kg |
| RY021-NSB-D  | 09FC-RY021-NSB-D-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 1      | mg/kg |
| RY021-NSB-D  | 09FC-RY021-NSB-D-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 498    | mg/kg |
| RY021-NSB-D  | 09FC-RY021-NSB-D-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.5    | mg/kg |
| RY021-NSB-D  | 09FC-RY021-NSB-D-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | ANTIMONY      | 6                   | Y           | J             | J            | J         | 6                   | mg/kg | 4.4    | mg/kg |
| RY021-NSB-D  | 09FC-RY021-NSB-D-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 15.3   | mg/kg |
| RY021-NSB-D  | 09FC-RY021-NSB-D-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 116    | mg/kg |
| RY021-NSB-D  | 09FC-RY021-NSB-D-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.29   | mg/kg |
| RY021-NSB-D  | 09FC-RY021-NSB-D-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 1.8    | mg/kg |
| RY021-NSB-D  | 09FC-RY021-NSB-D-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 7.3    | mg/kg |
| RY021-NSB-D  | 09FC-RY021-NSB-D-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 6.8    | mg/kg |
| RY021-NSB-D  | 09FC-RY021-NSB-D-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 14.5   | mg/kg |
| RY021-NSB-D  | 09FC-RY021-NSB-D-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 11.3   | mg/kg |
| RY021-NSB-D  | 09FC-RY021-NSB-D-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 324    | mg/kg |
| RY021-NSB-D  | 09FC-RY021-NSB-D-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 6050   | mg/kg |
| RY021-NSB-D  | 09FC-RY021-NSB-D-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.5    | mg/kg |
| RY021-NSB-D  | 09FC-RY021-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 7140   | mg/kg |
| RY021-NSB-D  | 09FC-RY021-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 16300  | mg/kg |
| RY021-NSB-D  | 09FC-RY021-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 1820   | mg/kg |
| RY021-NSB-D  | 09FC-RY021-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3600   | mg/kg |
| RY021-NSB-D  | 09FC-RY021-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 830    | mg/kg |
| RY021-NSB-D  | 09FC-RY021-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 8.2    | mg/kg |
| RY021-NSB-D  | 09FC-RY021-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1150   | mg/kg |
| RY021-NSB-D  | 09FC-RY021-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | SILVER        | 1                   | Y           |               |              |           | 1                   | mg/kg | 11.8   | mg/kg |
| RY021-NSB-D  | 09FC-RY021-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 515    | mg/kg |
| RY021-NSB-D  | 09FC-RY021-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY021-NSB-D  | 09FC-RY021-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | ANTIMONY      | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 36.6   | mg/kg |
| RY021-NSB-D  | 09FC-RY021-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 50.5   | mg/kg |
| RY021-NSB-D  | 09FC-RY021-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 163    | mg/kg |
| RY021-NSB-D  | 09FC-RY021-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.32   | mg/kg |

## Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY021-NSB-D  | 09FC-RY021-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 8.4    | mg/kg |
| RY021-NSB-D  | 09FC-RY021-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 7      | mg/kg |
| RY021-NSB-D  | 09FC-RY021-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 6.7    | mg/kg |
| RY021-NSB-D  | 09FC-RY021-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 18.2   | mg/kg |
| RY021-NSB-D  | 09FC-RY021-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 14.3   | mg/kg |
| RY021-NSB-D  | 09FC-RY021-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 1200   | mg/kg |
| RY021-NSB-D  | 09FC-RY021-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 7800   | mg/kg |
| RY021-NSB-D  | 09FC-RY021-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.6    | mg/kg |
| RY021-NSB-E  | 09FC-RY021-NSB-E-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 4970   | mg/kg |
| RY021-NSB-E  | 09FC-RY021-NSB-E-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 23300  | mg/kg |
| RY021-NSB-E  | 09FC-RY021-NSB-E-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 544    | mg/kg |
| RY021-NSB-E  | 09FC-RY021-NSB-E-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 4970   | mg/kg |
| RY021-NSB-E  | 09FC-RY021-NSB-E-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 1350   | mg/kg |
| RY021-NSB-E  | 09FC-RY021-NSB-E-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 9.8    | mg/kg |
| RY021-NSB-E  | 09FC-RY021-NSB-E-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1100   | mg/kg |
| RY021-NSB-E  | 09FC-RY021-NSB-E-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | SILVER        | 1                   | Y           |               |              |           | 1                   | mg/kg | 4      | mg/kg |
| RY021-NSB-E  | 09FC-RY021-NSB-E-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 498    | mg/kg |
| RY021-NSB-E  | 09FC-RY021-NSB-E-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.5    | mg/kg |
| RY021-NSB-E  | 09FC-RY021-NSB-E-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | ANTIMONY      | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 43.3   | mg/kg |
| RY021-NSB-E  | 09FC-RY021-NSB-E-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 373    | mg/kg |
| RY021-NSB-E  | 09FC-RY021-NSB-E-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 104    | mg/kg |
| RY021-NSB-E  | 09FC-RY021-NSB-E-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.25   | mg/kg |
| RY021-NSB-E  | 09FC-RY021-NSB-E-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 7.1    | mg/kg |
| RY021-NSB-E  | 09FC-RY021-NSB-E-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 5      | mg/kg |
| RY021-NSB-E  | 09FC-RY021-NSB-E-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 6.1    | mg/kg |
| RY021-NSB-E  | 09FC-RY021-NSB-E-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 17.2   | mg/kg |
| RY021-NSB-E  | 09FC-RY021-NSB-E-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 10.6   | mg/kg |
| RY021-NSB-E  | 09FC-RY021-NSB-E-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 485    | mg/kg |
| RY021-NSB-E  | 09FC-RY021-NSB-E-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 12300  | mg/kg |
| RY021-NSB-E  | 09FC-RY021-NSB-E-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/22/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.5    | mg/kg |
| RY021-NSB-E  | 09FC-RY021-NSB-E-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 4600   | mg/kg |
| RY021-NSB-E  | 09FC-RY021-NSB-E-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 9780   | mg/kg |
| RY021-NSB-E  | 09FC-RY021-NSB-E-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 157    | mg/kg |
| RY021-NSB-E  | 09FC-RY021-NSB-E-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 4130   | mg/kg |
| RY021-NSB-E  | 09FC-RY021-NSB-E-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 493    | mg/kg |
| RY021-NSB-E  | 09FC-RY021-NSB-E-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.8    | mg/kg |
| RY021-NSB-E  | 09FC-RY021-NSB-E-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 996    | mg/kg |
| RY021-NSB-E  | 09FC-RY021-NSB-E-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | SILVER        | 1                   | Y           | J             |              | J         | 1                   | mg/kg | 0.62   | mg/kg |
| RY021-NSB-E  | 09FC-RY021-NSB-E-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 495    | mg/kg |
| RY021-NSB-E  | 09FC-RY021-NSB-E-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.5    | mg/kg |
| RY021-NSB-E  | 09FC-RY021-NSB-E-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | ANTIMONY      | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 8.6    | mg/kg |
| RY021-NSB-E  | 09FC-RY021-NSB-E-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 26.3   | mg/kg |
| RY021-NSB-E  | 09FC-RY021-NSB-E-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 81.9   | mg/kg |
| RY021-NSB-E  | 09FC-RY021-NSB-E-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.23   | mg/kg |
| RY021-NSB-E  | 09FC-RY021-NSB-E-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 1.4    | mg/kg |
| RY021-NSB-E  | 09FC-RY021-NSB-E-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 4.3    | mg/kg |
| RY021-NSB-E  | 09FC-RY021-NSB-E-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.8    | mg/kg |
| RY021-NSB-E  | 09FC-RY021-NSB-E-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 13.2   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY021-NSB-E  | 09FC-RY021-NSB-E-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 7.5    | mg/kg |
| RY021-NSB-E  | 09FC-RY021-NSB-E-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 201    | mg/kg |
| RY021-NSB-E  | 09FC-RY021-NSB-E-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 14500  | mg/kg |
| RY021-NSB-E  | 09FC-RY021-NSB-E-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/22/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.5    | mg/kg |
| RY021-NSS-A  | 09FC-RY021-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 8430   | mg/kg |
| RY021-NSS-A  | 09FC-RY021-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 9670   | mg/kg |
| RY021-NSS-A  | 09FC-RY021-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 27.1   | mg/kg |
| RY021-NSS-A  | 09FC-RY021-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3410   | mg/kg |
| RY021-NSS-A  | 09FC-RY021-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 366    | mg/kg |
| RY021-NSS-A  | 09FC-RY021-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 7.5    | mg/kg |
| RY021-NSS-A  | 09FC-RY021-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1590   | mg/kg |
| RY021-NSS-A  | 09FC-RY021-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 1.1    | mg/kg |
| RY021-NSS-A  | 09FC-RY021-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 557    | mg/kg |
| RY021-NSS-A  | 09FC-RY021-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.8    | mg/kg |
| RY021-NSS-A  | 09FC-RY021-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ANTIMONY      | 6                   | N           | UJ            | UJ           | U         | 6                   | mg/kg | 6.7    | mg/kg |
| RY021-NSS-A  | 09FC-RY021-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 4.8    | mg/kg |
| RY021-NSS-A  | 09FC-RY021-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 149    | mg/kg |
| RY021-NSS-A  | 09FC-RY021-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.34   | mg/kg |
| RY021-NSS-A  | 09FC-RY021-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CADMIUM       | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.29   | mg/kg |
| RY021-NSS-A  | 09FC-RY021-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 7.8    | mg/kg |
| RY021-NSS-A  | 09FC-RY021-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 6.3    | mg/kg |
| RY021-NSS-A  | 09FC-RY021-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 12     | mg/kg |
| RY021-NSS-A  | 09FC-RY021-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 14     | mg/kg |
| RY021-NSS-A  | 09FC-RY021-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 64.7   | mg/kg |
| RY021-NSS-A  | 09FC-RY021-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 3660   | mg/kg |
| RY021-NSS-A  | 09FC-RY021-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.9    | mg/kg |
| RY021-NSS-B  | 09FC-RY021-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 6330   | mg/kg |
| RY021-NSS-B  | 09FC-RY021-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 8240   | mg/kg |
| RY021-NSS-B  | 09FC-RY021-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 113    | mg/kg |
| RY021-NSS-B  | 09FC-RY021-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3130   | mg/kg |
| RY021-NSS-B  | 09FC-RY021-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 299    | mg/kg |
| RY021-NSS-B  | 09FC-RY021-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.5    | mg/kg |
| RY021-NSS-B  | 09FC-RY021-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1440   | mg/kg |
| RY021-NSS-B  | 09FC-RY021-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SILVER        | 1                   | Y           | J             |              | J         | 1                   | mg/kg | 0.58   | mg/kg |
| RY021-NSS-B  | 09FC-RY021-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 536    | mg/kg |
| RY021-NSS-B  | 09FC-RY021-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.7    | mg/kg |
| RY021-NSS-B  | 09FC-RY021-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ANTIMONY      | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 8.2    | mg/kg |
| RY021-NSS-B  | 09FC-RY021-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 13.9   | mg/kg |
| RY021-NSS-B  | 09FC-RY021-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 138    | mg/kg |
| RY021-NSS-B  | 09FC-RY021-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.26   | mg/kg |
| RY021-NSS-B  | 09FC-RY021-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 0.81   | mg/kg |
| RY021-NSS-B  | 09FC-RY021-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 6.5    | mg/kg |
| RY021-NSS-B  | 09FC-RY021-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 5.2    | mg/kg |
| RY021-NSS-B  | 09FC-RY021-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 12.9   | mg/kg |
| RY021-NSS-B  | 09FC-RY021-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 11.1   | mg/kg |
| RY021-NSS-B  | 09FC-RY021-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 145    | mg/kg |
| RY021-NSS-B  | 09FC-RY021-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 5310   | mg/kg |
| RY021-NSS-B  | 09FC-RY021-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.8    | mg/kg |



Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY021-NSS-C  | 09FC-RY021-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 7410   | mg/kg |
| RY021-NSS-C  | 09FC-RY021-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 9020   | mg/kg |
| RY021-NSS-C  | 09FC-RY021-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 41.9   | mg/kg |
| RY021-NSS-C  | 09FC-RY021-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3060   | mg/kg |
| RY021-NSS-C  | 09FC-RY021-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 367    | mg/kg |
| RY021-NSS-C  | 09FC-RY021-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.8    | mg/kg |
| RY021-NSS-C  | 09FC-RY021-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1450   | mg/kg |
| RY021-NSS-C  | 09FC-RY021-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 1.2    | mg/kg |
| RY021-NSS-C  | 09FC-RY021-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 584    | mg/kg |
| RY021-NSS-C  | 09FC-RY021-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.9    | mg/kg |
| RY021-NSS-C  | 09FC-RY021-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ANTIMONY      | 6                   | N           | UJ            | UJ           | U         | 6                   | mg/kg | 7      | mg/kg |
| RY021-NSS-C  | 09FC-RY021-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 4.1    | mg/kg |
| RY021-NSS-C  | 09FC-RY021-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 156    | mg/kg |
| RY021-NSS-C  | 09FC-RY021-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.3    | mg/kg |
| RY021-NSS-C  | 09FC-RY021-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CADMIUM       | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.36   | mg/kg |
| RY021-NSS-C  | 09FC-RY021-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 7.5    | mg/kg |
| RY021-NSS-C  | 09FC-RY021-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 5.9    | mg/kg |
| RY021-NSS-C  | 09FC-RY021-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 11.4   | mg/kg |
| RY021-NSS-C  | 09FC-RY021-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 12.8   | mg/kg |
| RY021-NSS-C  | 09FC-RY021-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 93.8   | mg/kg |
| RY021-NSS-C  | 09FC-RY021-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 4180   | mg/kg |
| RY021-NSS-C  | 09FC-RY021-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 4.1    | mg/kg |
| RY021-NSS-E  | 09FC-RY021-NSS-E-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 6190   | mg/kg |
| RY021-NSS-E  | 09FC-RY021-NSS-E-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 9570   | mg/kg |
| RY021-NSS-E  | 09FC-RY021-NSS-E-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 204    | mg/kg |
| RY021-NSS-E  | 09FC-RY021-NSS-E-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 5030   | mg/kg |
| RY021-NSS-E  | 09FC-RY021-NSS-E-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 377    | mg/kg |
| RY021-NSS-E  | 09FC-RY021-NSS-E-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 7.4    | mg/kg |
| RY021-NSS-E  | 09FC-RY021-NSS-E-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1380   | mg/kg |
| RY021-NSS-E  | 09FC-RY021-NSS-E-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SILVER        | 1                   | Y           |               |              |           | 1                   | mg/kg | 1.2    | mg/kg |
| RY021-NSS-E  | 09FC-RY021-NSS-E-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 504    | mg/kg |
| RY021-NSS-E  | 09FC-RY021-NSS-E-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.5    | mg/kg |
| RY021-NSS-E  | 09FC-RY021-NSS-E-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ANTIMONY      | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 10.9   | mg/kg |
| RY021-NSS-E  | 09FC-RY021-NSS-E-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 26.2   | mg/kg |
| RY021-NSS-E  | 09FC-RY021-NSS-E-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 104    | mg/kg |
| RY021-NSS-E  | 09FC-RY021-NSS-E-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.28   | mg/kg |
| RY021-NSS-E  | 09FC-RY021-NSS-E-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 1.8    | mg/kg |
| RY021-NSS-E  | 09FC-RY021-NSS-E-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 5.5    | mg/kg |
| RY021-NSS-E  | 09FC-RY021-NSS-E-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 5.4    | mg/kg |
| RY021-NSS-E  | 09FC-RY021-NSS-E-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 14.6   | mg/kg |
| RY021-NSS-E  | 09FC-RY021-NSS-E-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 9.8    | mg/kg |
| RY021-NSS-E  | 09FC-RY021-NSS-E-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 307    | mg/kg |
| RY021-NSS-E  | 09FC-RY021-NSS-E-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 13600  | mg/kg |
| RY021-NSS-E  | 09FC-RY021-NSS-E-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/22/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.5    | mg/kg |
| RY022-NSB-B  | 09FC-RY022-NSB-B-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/23/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 6500   | mg/kg |
| RY022-NSB-B  | 09FC-RY022-NSB-B-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/23/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 10100  | mg/kg |
| RY022-NSB-B  | 09FC-RY022-NSB-B-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/23/2009     | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 173    | mg/kg |
| RY022-NSB-B  | 09FC-RY022-NSB-B-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/23/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3540   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY022-NSB-B  | 09FC-RY022-NSB-B-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/23/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 384    | mg/kg |
| RY022-NSB-B  | 09FC-RY022-NSB-B-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/23/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 7.9    | mg/kg |
| RY022-NSB-B  | 09FC-RY022-NSB-B-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/23/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1450   | mg/kg |
| RY022-NSB-B  | 09FC-RY022-NSB-B-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/23/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 1.2    | mg/kg |
| RY022-NSB-B  | 09FC-RY022-NSB-B-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/23/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 575    | mg/kg |
| RY022-NSB-B  | 09FC-RY022-NSB-B-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/23/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.9    | mg/kg |
| RY022-NSB-B  | 09FC-RY022-NSB-B-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/23/2009     | ANTIMONY      | 6                   | N           | U             |              | U         | 6                   | mg/kg | 6.9    | mg/kg |
| RY022-NSB-B  | 09FC-RY022-NSB-B-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/23/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 7.1    | mg/kg |
| RY022-NSB-B  | 09FC-RY022-NSB-B-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/23/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 156    | mg/kg |
| RY022-NSB-B  | 09FC-RY022-NSB-B-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/23/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.28   | mg/kg |
| RY022-NSB-B  | 09FC-RY022-NSB-B-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/23/2009     | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 0.62   | mg/kg |
| RY022-NSB-B  | 09FC-RY022-NSB-B-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/23/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 7.8    | mg/kg |
| RY022-NSB-B  | 09FC-RY022-NSB-B-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/23/2009     | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 6.1    | mg/kg |
| RY022-NSB-B  | 09FC-RY022-NSB-B-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/23/2009     | COPPER        | 2.5                 | Y           | J             |              | J         | 2.5                 | mg/kg | 25     | mg/kg |
| RY022-NSB-B  | 09FC-RY022-NSB-B-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/23/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 11.8   | mg/kg |
| RY022-NSB-B  | 09FC-RY022-NSB-B-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/23/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 142    | mg/kg |
| RY022-NSB-B  | 09FC-RY022-NSB-B-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/23/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 5510   | mg/kg |
| RY022-NSB-B  | 09FC-RY022-NSB-B-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/23/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 4      | mg/kg |
| RY022-NSB-B  | 09FC-RY022-NSB-B-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/23/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 6830   | mg/kg |
| RY022-NSB-B  | 09FC-RY022-NSB-B-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/23/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 9380   | mg/kg |
| RY022-NSB-B  | 09FC-RY022-NSB-B-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/23/2009     | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 131    | mg/kg |
| RY022-NSB-B  | 09FC-RY022-NSB-B-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/23/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3690   | mg/kg |
| RY022-NSB-B  | 09FC-RY022-NSB-B-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/23/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 352    | mg/kg |
| RY022-NSB-B  | 09FC-RY022-NSB-B-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/23/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 7.7    | mg/kg |
| RY022-NSB-B  | 09FC-RY022-NSB-B-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/23/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1560   | mg/kg |
| RY022-NSB-B  | 09FC-RY022-NSB-B-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/23/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 1.1    | mg/kg |
| RY022-NSB-B  | 09FC-RY022-NSB-B-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/23/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 549    | mg/kg |
| RY022-NSB-B  | 09FC-RY022-NSB-B-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/23/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.7    | mg/kg |
| RY022-NSB-B  | 09FC-RY022-NSB-B-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/23/2009     | ANTIMONY      | 6                   | N           | U             |              | U         | 6                   | mg/kg | 6.6    | mg/kg |
| RY022-NSB-B  | 09FC-RY022-NSB-B-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/23/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 6.7    | mg/kg |
| RY022-NSB-B  | 09FC-RY022-NSB-B-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/23/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 189    | mg/kg |
| RY022-NSB-B  | 09FC-RY022-NSB-B-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/23/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.31   | mg/kg |
| RY022-NSB-B  | 09FC-RY022-NSB-B-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/23/2009     | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 0.75   | mg/kg |
| RY022-NSB-B  | 09FC-RY022-NSB-B-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/23/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 6.8    | mg/kg |
| RY022-NSB-B  | 09FC-RY022-NSB-B-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/23/2009     | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 5.7    | mg/kg |
| RY022-NSB-B  | 09FC-RY022-NSB-B-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/23/2009     | COPPER        | 2.5                 | Y           | J             |              | J         | 2.5                 | mg/kg | 23.7   | mg/kg |
| RY022-NSB-B  | 09FC-RY022-NSB-B-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/23/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 12.4   | mg/kg |
| RY022-NSB-B  | 09FC-RY022-NSB-B-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/23/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 201    | mg/kg |
| RY022-NSB-B  | 09FC-RY022-NSB-B-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/23/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 4320   | mg/kg |
| RY022-NSB-B  | 09FC-RY022-NSB-B-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/23/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.8    | mg/kg |
| RY022-NSS-A  | 09FC-RY022-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 6030   | mg/kg |
| RY022-NSS-A  | 09FC-RY022-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 8280   | mg/kg |
| RY022-NSS-A  | 09FC-RY022-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 51.6   | mg/kg |
| RY022-NSS-A  | 09FC-RY022-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3030   | mg/kg |
| RY022-NSS-A  | 09FC-RY022-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 407    | mg/kg |
| RY022-NSS-A  | 09FC-RY022-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 7      | mg/kg |
| RY022-NSS-A  | 09FC-RY022-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1640   | mg/kg |
| RY022-NSS-A  | 09FC-RY022-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 1.2    | mg/kg |

## Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                         |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY022-NSS-A  | 09FC-RY022-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | SODIUM        | 500           | N           | U             |              | U         | 500                 | mg/kg | 583    | mg/kg |
| RY022-NSS-A  | 09FC-RY022-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.9    | mg/kg |
| RY022-NSS-A  | 09FC-RY022-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | ANTIMONY      | 6             | N           | U             |              | U         | 6                   | mg/kg | 7      | mg/kg |
| RY022-NSS-A  | 09FC-RY022-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | ARSENIC       | 1             | Y           |               |              |           | 1                   | mg/kg | 5.2    | mg/kg |
| RY022-NSS-A  | 09FC-RY022-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | BARIUM        | 20            | Y           |               |              |           | 20                  | mg/kg | 138    | mg/kg |
| RY022-NSS-A  | 09FC-RY022-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | BERYLLIUM     | 0.5           | Y           | J             |              | J         | 0.5                 | mg/kg | 0.26   | mg/kg |
| RY022-NSS-A  | 09FC-RY022-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | CADMIUM       | 0.5           | Y           | J             |              | J         | 0.5                 | mg/kg | 0.41   | mg/kg |
| RY022-NSS-A  | 09FC-RY022-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | CHROMIUM      | 1             | Y           |               |              |           | 1                   | mg/kg | 6.2    | mg/kg |
| RY022-NSS-A  | 09FC-RY022-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | COBALT        | 5             | Y           | J             |              | J         | 5                   | mg/kg | 5.1    | mg/kg |
| RY022-NSS-A  | 09FC-RY022-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | COPPER        | 2.5           | Y           | J             | J            |           | 2.5                 | mg/kg | 13     | mg/kg |
| RY022-NSS-A  | 09FC-RY022-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | VANADIUM      | 5             | Y           |               |              |           | 5                   | mg/kg | 11.2   | mg/kg |
| RY022-NSS-A  | 09FC-RY022-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | ZINC          | 6             | Y           |               |              |           | 6                   | mg/kg | 89.7   | mg/kg |
| RY022-NSS-A  | 09FC-RY022-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | CALCIUM       | 500           | Y           |               |              |           | 500                 | mg/kg | 5060   | mg/kg |
| RY022-NSS-A  | 09FC-RY022-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | SELENIUM      | 3.5           | N           | U             |              | U         | 3.5                 | mg/kg | 4.1    | mg/kg |
| RY022-NSS-B  | 09FC-RY022-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | ALUMINUM      | 20            | Y           |               |              |           | 20                  | mg/kg | 6420   | mg/kg |
| RY022-NSS-B  | 09FC-RY022-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | IRON          | 10            | Y           |               |              |           | 10                  | mg/kg | 9400   | mg/kg |
| RY022-NSS-B  | 09FC-RY022-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | LEAD          | 1             | Y           |               |              |           | 1                   | mg/kg | 145    | mg/kg |
| RY022-NSS-B  | 09FC-RY022-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | MAGNESIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 3240   | mg/kg |
| RY022-NSS-B  | 09FC-RY022-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | MANGANESE     | 1.5           | Y           |               |              |           | 1.5                 | mg/kg | 363    | mg/kg |
| RY022-NSS-B  | 09FC-RY022-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | NICKEL        | 4             | Y           |               |              |           | 4                   | mg/kg | 7.3    | mg/kg |
| RY022-NSS-B  | 09FC-RY022-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | POTASSIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 1660   | mg/kg |
| RY022-NSS-B  | 09FC-RY022-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | SILVER        | 1             | N           | U             |              | U         | 1                   | mg/kg | 1.2    | mg/kg |
| RY022-NSS-B  | 09FC-RY022-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | SODIUM        | 500           | N           | U             |              | U         | 500                 | mg/kg | 606    | mg/kg |
| RY022-NSS-B  | 09FC-RY022-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 3      | mg/kg |
| RY022-NSS-B  | 09FC-RY022-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | ANTIMONY      | 6             | N           | U             |              | U         | 6                   | mg/kg | 7.3    | mg/kg |
| RY022-NSS-B  | 09FC-RY022-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | ARSENIC       | 1             | Y           |               |              |           | 1                   | mg/kg | 5.3    | mg/kg |
| RY022-NSS-B  | 09FC-RY022-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | BARIUM        | 20            | Y           |               |              |           | 20                  | mg/kg | 159    | mg/kg |
| RY022-NSS-B  | 09FC-RY022-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | BERYLLIUM     | 0.5           | Y           | J             |              | J         | 0.5                 | mg/kg | 0.28   | mg/kg |
| RY022-NSS-B  | 09FC-RY022-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | CADMIUM       | 0.5           | Y           | J             |              | J         | 0.5                 | mg/kg | 0.58   | mg/kg |
| RY022-NSS-B  | 09FC-RY022-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | CHROMIUM      | 1             | Y           |               |              |           | 1                   | mg/kg | 10.4   | mg/kg |
| RY022-NSS-B  | 09FC-RY022-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | COBALT        | 5             | Y           | J             |              | J         | 5                   | mg/kg | 5.6    | mg/kg |
| RY022-NSS-B  | 09FC-RY022-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | COPPER        | 2.5           | Y           | J             | J            |           | 2.5                 | mg/kg | 17     | mg/kg |
| RY022-NSS-B  | 09FC-RY022-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | VANADIUM      | 5             | Y           |               |              |           | 5                   | mg/kg | 11.6   | mg/kg |
| RY022-NSS-B  | 09FC-RY022-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | ZINC          | 6             | Y           |               |              |           | 6                   | mg/kg | 158    | mg/kg |
| RY022-NSS-B  | 09FC-RY022-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | CALCIUM       | 500           | Y           |               |              |           | 500                 | mg/kg | 4180   | mg/kg |
| RY022-NSS-B  | 09FC-RY022-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | SELENIUM      | 3.5           | N           | U             |              | U         | 3.5                 | mg/kg | 4.2    | mg/kg |
| RY022-NSS-C  | 09FC-RY022-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | ALUMINUM      | 20            | Y           |               |              |           | 20                  | mg/kg | 5830   | mg/kg |
| RY022-NSS-C  | 09FC-RY022-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | IRON          | 10            | Y           |               |              |           | 10                  | mg/kg | 7770   | mg/kg |
| RY022-NSS-C  | 09FC-RY022-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | LEAD          | 1             | Y           |               |              |           | 1                   | mg/kg | 29.6   | mg/kg |
| RY022-NSS-C  | 09FC-RY022-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | MAGNESIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 2100   | mg/kg |
| RY022-NSS-C  | 09FC-RY022-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | MANGANESE     | 1.5           | Y           |               |              |           | 1.5                 | mg/kg | 622    | mg/kg |
| RY022-NSS-C  | 09FC-RY022-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | NICKEL        | 4             | Y           |               |              |           | 4                   | mg/kg | 5.1    | mg/kg |
| RY022-NSS-C  | 09FC-RY022-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | POTASSIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 1250   | mg/kg |
| RY022-NSS-C  | 09FC-RY022-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | SILVER        | 1             | N           | U             |              | U         | 1                   | mg/kg | 1.2    | mg/kg |
| RY022-NSS-C  | 09FC-RY022-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | SODIUM        | 500           | N           | U             |              | U         | 500                 | mg/kg | 606    | mg/kg |
| RY022-NSS-C  | 09FC-RY022-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 3      | mg/kg |
| RY022-NSS-C  | 09FC-RY022-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | ANTIMONY      | 6             | N           | U             |              | U         | 6                   | mg/kg | 7.3    | mg/kg |
| RY022-NSS-C  | 09FC-RY022-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | ARSENIC       | 1             | Y           |               |              |           | 1                   | mg/kg | 5.4    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY022-NSS-C  | 09FC-RY022-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 144    | mg/kg |
| RY022-NSS-C  | 09FC-RY022-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | BERYLLIUM     | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.61   | mg/kg |
| RY022-NSS-C  | 09FC-RY022-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | CADMIUM       | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.26   | mg/kg |
| RY022-NSS-C  | 09FC-RY022-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 4      | mg/kg |
| RY022-NSS-C  | 09FC-RY022-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | COBALT        | 5                   | Y           | J             | J            | J         | 5                   | mg/kg | 4.5    | mg/kg |
| RY022-NSS-C  | 09FC-RY022-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 13.5   | mg/kg |
| RY022-NSS-C  | 09FC-RY022-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 9.3    | mg/kg |
| RY022-NSS-C  | 09FC-RY022-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 50.6   | mg/kg |
| RY022-NSS-C  | 09FC-RY022-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 3720   | mg/kg |
| RY022-NSS-C  | 09FC-RY022-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 4.2    | mg/kg |
| RY022-NSS-D  | 09FC-RY022-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 4690   | mg/kg |
| RY022-NSS-D  | 09FC-RY022-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 7450   | mg/kg |
| RY022-NSS-D  | 09FC-RY022-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 38.9   | mg/kg |
| RY022-NSS-D  | 09FC-RY022-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3380   | mg/kg |
| RY022-NSS-D  | 09FC-RY022-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 272    | mg/kg |
| RY022-NSS-D  | 09FC-RY022-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.3    | mg/kg |
| RY022-NSS-D  | 09FC-RY022-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1470   | mg/kg |
| RY022-NSS-D  | 09FC-RY022-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 1      | mg/kg |
| RY022-NSS-D  | 09FC-RY022-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 522    | mg/kg |
| RY022-NSS-D  | 09FC-RY022-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY022-NSS-D  | 09FC-RY022-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | ANTIMONY      | 6                   | N           | U             |              | U         | 6                   | mg/kg | 6.3    | mg/kg |
| RY022-NSS-D  | 09FC-RY022-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 6.1    | mg/kg |
| RY022-NSS-D  | 09FC-RY022-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 97.9   | mg/kg |
| RY022-NSS-D  | 09FC-RY022-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.22   | mg/kg |
| RY022-NSS-D  | 09FC-RY022-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | CADMIUM       | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.34   | mg/kg |
| RY022-NSS-D  | 09FC-RY022-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 5.5    | mg/kg |
| RY022-NSS-D  | 09FC-RY022-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.1    | mg/kg |
| RY022-NSS-D  | 09FC-RY022-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | COPPER        | 2.5                 | Y           | J             | J            |           | 2.5                 | mg/kg | 10.5   | mg/kg |
| RY022-NSS-D  | 09FC-RY022-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 8.9    | mg/kg |
| RY022-NSS-D  | 09FC-RY022-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 57.6   | mg/kg |
| RY022-NSS-D  | 09FC-RY022-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 4170   | mg/kg |
| RY022-NSS-D  | 09FC-RY022-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.7    | mg/kg |
| RY022-NSS-E  | 09FC-RY022-NSS-E-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 4650   | mg/kg |
| RY022-NSS-E  | 09FC-RY022-NSS-E-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 7230   | mg/kg |
| RY022-NSS-E  | 09FC-RY022-NSS-E-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 45.3   | mg/kg |
| RY022-NSS-E  | 09FC-RY022-NSS-E-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2550   | mg/kg |
| RY022-NSS-E  | 09FC-RY022-NSS-E-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 267    | mg/kg |
| RY022-NSS-E  | 09FC-RY022-NSS-E-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 5.9    | mg/kg |
| RY022-NSS-E  | 09FC-RY022-NSS-E-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1070   | mg/kg |
| RY022-NSS-E  | 09FC-RY022-NSS-E-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 1.1    | mg/kg |
| RY022-NSS-E  | 09FC-RY022-NSS-E-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 527    | mg/kg |
| RY022-NSS-E  | 09FC-RY022-NSS-E-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY022-NSS-E  | 09FC-RY022-NSS-E-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | ANTIMONY      | 6                   | N           | U             |              | U         | 6                   | mg/kg | 6.3    | mg/kg |
| RY022-NSS-E  | 09FC-RY022-NSS-E-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 4.1    | mg/kg |
| RY022-NSS-E  | 09FC-RY022-NSS-E-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 113    | mg/kg |
| RY022-NSS-E  | 09FC-RY022-NSS-E-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.2    | mg/kg |
| RY022-NSS-E  | 09FC-RY022-NSS-E-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | CADMIUM       | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.32   | mg/kg |
| RY022-NSS-E  | 09FC-RY022-NSS-E-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 4.7    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY022-NSS-E  | 09FC-RY022-NSS-E-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 3.8    | mg/kg |
| RY022-NSS-E  | 09FC-RY022-NSS-E-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | COPPER        | 2.5                 | Y           | J             | J            |           | 2.5                 | mg/kg | 12     | mg/kg |
| RY022-NSS-E  | 09FC-RY022-NSS-E-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 8.2    | mg/kg |
| RY022-NSS-E  | 09FC-RY022-NSS-E-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 142    | mg/kg |
| RY022-NSS-E  | 09FC-RY022-NSS-E-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 3120   | mg/kg |
| RY022-NSS-E  | 09FC-RY022-NSS-E-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.7    | mg/kg |
| RY023-DSB-B  | 09FC-RY023-DSB-B-006012 | 8/5/2009    | FD          | 6           | 12        | in         | C200.7          | 8/24/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 8320   | mg/kg |
| RY023-DSB-B  | 09FC-RY023-DSB-B-006012 | 8/5/2009    | FD          | 6           | 12        | in         | C200.7          | 8/24/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 9310   | mg/kg |
| RY023-DSB-B  | 09FC-RY023-DSB-B-006012 | 8/5/2009    | FD          | 6           | 12        | in         | C200.7          | 8/24/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 568    | mg/kg |
| RY023-DSB-B  | 09FC-RY023-DSB-B-006012 | 8/5/2009    | FD          | 6           | 12        | in         | C200.7          | 8/24/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2710   | mg/kg |
| RY023-DSB-B  | 09FC-RY023-DSB-B-006012 | 8/5/2009    | FD          | 6           | 12        | in         | C200.7          | 8/24/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 511    | mg/kg |
| RY023-DSB-B  | 09FC-RY023-DSB-B-006012 | 8/5/2009    | FD          | 6           | 12        | in         | C200.7          | 8/24/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.3    | mg/kg |
| RY023-DSB-B  | 09FC-RY023-DSB-B-006012 | 8/5/2009    | FD          | 6           | 12        | in         | C200.7          | 8/24/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1200   | mg/kg |
| RY023-DSB-B  | 09FC-RY023-DSB-B-006012 | 8/5/2009    | FD          | 6           | 12        | in         | C200.7          | 8/24/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 1.1    | mg/kg |
| RY023-DSB-B  | 09FC-RY023-DSB-B-006012 | 8/5/2009    | FD          | 6           | 12        | in         | C200.7          | 8/24/2009     | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 227    | mg/kg |
| RY023-DSB-B  | 09FC-RY023-DSB-B-006012 | 8/5/2009    | FD          | 6           | 12        | in         | C200.7          | 8/24/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.7    | mg/kg |
| RY023-DSB-B  | 09FC-RY023-DSB-B-006012 | 8/5/2009    | FD          | 6           | 12        | in         | C200.7          | 8/24/2009     | ANTIMONY      | 6                   | N           | U             |              | U         | 6                   | mg/kg | 6.4    | mg/kg |
| RY023-DSB-B  | 09FC-RY023-DSB-B-006012 | 8/5/2009    | FD          | 6           | 12        | in         | C200.7          | 8/24/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 4.7    | mg/kg |
| RY023-DSB-B  | 09FC-RY023-DSB-B-006012 | 8/5/2009    | FD          | 6           | 12        | in         | C200.7          | 8/24/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 355    | mg/kg |
| RY023-DSB-B  | 09FC-RY023-DSB-B-006012 | 8/5/2009    | FD          | 6           | 12        | in         | C200.7          | 8/24/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.26   | mg/kg |
| RY023-DSB-B  | 09FC-RY023-DSB-B-006012 | 8/5/2009    | FD          | 6           | 12        | in         | C200.7          | 8/24/2009     | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 0.65   | mg/kg |
| RY023-DSB-B  | 09FC-RY023-DSB-B-006012 | 8/5/2009    | FD          | 6           | 12        | in         | C200.7          | 8/24/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 16.9   | mg/kg |
| RY023-DSB-B  | 09FC-RY023-DSB-B-006012 | 8/5/2009    | FD          | 6           | 12        | in         | C200.7          | 8/24/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 5.2    | mg/kg |
| RY023-DSB-B  | 09FC-RY023-DSB-B-006012 | 8/5/2009    | FD          | 6           | 12        | in         | C200.7          | 8/24/2009     | COPPER        | 2.5                 | Y           | J             | J            |           | 2.5                 | mg/kg | 19.5   | mg/kg |
| RY023-DSB-B  | 09FC-RY023-DSB-B-006012 | 8/5/2009    | FD          | 6           | 12        | in         | C200.7          | 8/24/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 11.5   | mg/kg |
| RY023-DSB-B  | 09FC-RY023-DSB-B-006012 | 8/5/2009    | FD          | 6           | 12        | in         | C200.7          | 8/24/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 381    | mg/kg |
| RY023-DSB-B  | 09FC-RY023-DSB-B-006012 | 8/5/2009    | FD          | 6           | 12        | in         | C200.7          | 8/24/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 6820   | mg/kg |
| RY023-DSB-B  | 09FC-RY023-DSB-B-006012 | 8/5/2009    | FD          | 6           | 12        | in         | C200.7          | 8/24/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.7    | mg/kg |
| RY023-NSB-A  | 09FC-RY023-NSB-A-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 8510   | mg/kg |
| RY023-NSB-A  | 09FC-RY023-NSB-A-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 9820   | mg/kg |
| RY023-NSB-A  | 09FC-RY023-NSB-A-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 385    | mg/kg |
| RY023-NSB-A  | 09FC-RY023-NSB-A-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2600   | mg/kg |
| RY023-NSB-A  | 09FC-RY023-NSB-A-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 449    | mg/kg |
| RY023-NSB-A  | 09FC-RY023-NSB-A-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.2    | mg/kg |
| RY023-NSB-A  | 09FC-RY023-NSB-A-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1040   | mg/kg |
| RY023-NSB-A  | 09FC-RY023-NSB-A-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 1.1    | mg/kg |
| RY023-NSB-A  | 09FC-RY023-NSB-A-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 539    | mg/kg |
| RY023-NSB-A  | 09FC-RY023-NSB-A-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.7    | mg/kg |
| RY023-NSB-A  | 09FC-RY023-NSB-A-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | ANTIMONY      | 6                   | Y           | J             |              | J         | 6                   | mg/kg | 2.1    | mg/kg |
| RY023-NSB-A  | 09FC-RY023-NSB-A-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 5.8    | mg/kg |
| RY023-NSB-A  | 09FC-RY023-NSB-A-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 235    | mg/kg |
| RY023-NSB-A  | 09FC-RY023-NSB-A-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.29   | mg/kg |
| RY023-NSB-A  | 09FC-RY023-NSB-A-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 0.76   | mg/kg |
| RY023-NSB-A  | 09FC-RY023-NSB-A-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 20.7   | mg/kg |
| RY023-NSB-A  | 09FC-RY023-NSB-A-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 5.4    | mg/kg |
| RY023-NSB-A  | 09FC-RY023-NSB-A-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | COPPER        | 2.5                 | Y           | J             | J            |           | 2.5                 | mg/kg | 14.5   | mg/kg |
| RY023-NSB-A  | 09FC-RY023-NSB-A-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 12.8   | mg/kg |
| RY023-NSB-A  | 09FC-RY023-NSB-A-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 238    | mg/kg |

## Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY023-NSB-A  | 09FC-RY023-NSB-A-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 3150   | mg/kg |
| RY023-NSB-A  | 09FC-RY023-NSB-A-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.8    | mg/kg |
| RY023-NSB-A  | 09FC-RY023-NSB-A-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 9570   | mg/kg |
| RY023-NSB-A  | 09FC-RY023-NSB-A-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 8820   | mg/kg |
| RY023-NSB-A  | 09FC-RY023-NSB-A-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 431    | mg/kg |
| RY023-NSB-A  | 09FC-RY023-NSB-A-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2620   | mg/kg |
| RY023-NSB-A  | 09FC-RY023-NSB-A-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 396    | mg/kg |
| RY023-NSB-A  | 09FC-RY023-NSB-A-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.1    | mg/kg |
| RY023-NSB-A  | 09FC-RY023-NSB-A-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1040   | mg/kg |
| RY023-NSB-A  | 09FC-RY023-NSB-A-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 1.1    | mg/kg |
| RY023-NSB-A  | 09FC-RY023-NSB-A-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 541    | mg/kg |
| RY023-NSB-A  | 09FC-RY023-NSB-A-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.7    | mg/kg |
| RY023-NSB-A  | 09FC-RY023-NSB-A-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | ANTIMONY      | 6                   | N           | U             |              | U         | 6                   | mg/kg | 6.5    | mg/kg |
| RY023-NSB-A  | 09FC-RY023-NSB-A-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 5.5    | mg/kg |
| RY023-NSB-A  | 09FC-RY023-NSB-A-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 231    | mg/kg |
| RY023-NSB-A  | 09FC-RY023-NSB-A-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.31   | mg/kg |
| RY023-NSB-A  | 09FC-RY023-NSB-A-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 0.69   | mg/kg |
| RY023-NSB-A  | 09FC-RY023-NSB-A-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 20.9   | mg/kg |
| RY023-NSB-A  | 09FC-RY023-NSB-A-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 5.1    | mg/kg |
| RY023-NSB-A  | 09FC-RY023-NSB-A-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | COPPER        | 2.5                 | Y           | J             | J            |           | 2.5                 | mg/kg | 12.3   | mg/kg |
| RY023-NSB-A  | 09FC-RY023-NSB-A-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 12.1   | mg/kg |
| RY023-NSB-A  | 09FC-RY023-NSB-A-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 239    | mg/kg |
| RY023-NSB-A  | 09FC-RY023-NSB-A-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 3030   | mg/kg |
| RY023-NSB-A  | 09FC-RY023-NSB-A-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.8    | mg/kg |
| RY023-NSB-B  | 09FC-RY023-NSB-B-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 7980   | mg/kg |
| RY023-NSB-B  | 09FC-RY023-NSB-B-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 8800   | mg/kg |
| RY023-NSB-B  | 09FC-RY023-NSB-B-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 258    | mg/kg |
| RY023-NSB-B  | 09FC-RY023-NSB-B-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2400   | mg/kg |
| RY023-NSB-B  | 09FC-RY023-NSB-B-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 631    | mg/kg |
| RY023-NSB-B  | 09FC-RY023-NSB-B-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.2    | mg/kg |
| RY023-NSB-B  | 09FC-RY023-NSB-B-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1090   | mg/kg |
| RY023-NSB-B  | 09FC-RY023-NSB-B-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 1.1    | mg/kg |
| RY023-NSB-B  | 09FC-RY023-NSB-B-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 526    | mg/kg |
| RY023-NSB-B  | 09FC-RY023-NSB-B-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY023-NSB-B  | 09FC-RY023-NSB-B-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | ANTIMONY      | 6                   | N           | U             |              | U         | 6                   | mg/kg | 6.3    | mg/kg |
| RY023-NSB-B  | 09FC-RY023-NSB-B-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 5.3    | mg/kg |
| RY023-NSB-B  | 09FC-RY023-NSB-B-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 215    | mg/kg |
| RY023-NSB-B  | 09FC-RY023-NSB-B-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.26   | mg/kg |
| RY023-NSB-B  | 09FC-RY023-NSB-B-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 0.55   | mg/kg |
| RY023-NSB-B  | 09FC-RY023-NSB-B-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 14.3   | mg/kg |
| RY023-NSB-B  | 09FC-RY023-NSB-B-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 5.1    | mg/kg |
| RY023-NSB-B  | 09FC-RY023-NSB-B-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | COPPER        | 2.5                 | Y           | J             | J            |           | 2.5                 | mg/kg | 17.9   | mg/kg |
| RY023-NSB-B  | 09FC-RY023-NSB-B-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 10.7   | mg/kg |
| RY023-NSB-B  | 09FC-RY023-NSB-B-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 224    | mg/kg |
| RY023-NSB-B  | 09FC-RY023-NSB-B-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 4260   | mg/kg |
| RY023-NSB-B  | 09FC-RY023-NSB-B-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.7    | mg/kg |
| RY023-NSB-B  | 09FC-RY023-NSB-B-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 9140   | mg/kg |
| RY023-NSB-B  | 09FC-RY023-NSB-B-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 9130   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY023-NSB-B  | 09FC-RY023-NSB-B-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 678    | mg/kg |
| RY023-NSB-B  | 09FC-RY023-NSB-B-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2520   | mg/kg |
| RY023-NSB-B  | 09FC-RY023-NSB-B-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 542    | mg/kg |
| RY023-NSB-B  | 09FC-RY023-NSB-B-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.7    | mg/kg |
| RY023-NSB-B  | 09FC-RY023-NSB-B-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1160   | mg/kg |
| RY023-NSB-B  | 09FC-RY023-NSB-B-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | SILVER        | 1                   | Y           | J             |              | J         | 1                   | mg/kg | 0.45   | mg/kg |
| RY023-NSB-B  | 09FC-RY023-NSB-B-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 184    | mg/kg |
| RY023-NSB-B  | 09FC-RY023-NSB-B-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.7    | mg/kg |
| RY023-NSB-B  | 09FC-RY023-NSB-B-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | ANTIMONY      | 6                   | Y           | J             |              | J         | 6                   | mg/kg | 2.8    | mg/kg |
| RY023-NSB-B  | 09FC-RY023-NSB-B-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 5.2    | mg/kg |
| RY023-NSB-B  | 09FC-RY023-NSB-B-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 300    | mg/kg |
| RY023-NSB-B  | 09FC-RY023-NSB-B-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.29   | mg/kg |
| RY023-NSB-B  | 09FC-RY023-NSB-B-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 0.66   | mg/kg |
| RY023-NSB-B  | 09FC-RY023-NSB-B-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 18.9   | mg/kg |
| RY023-NSB-B  | 09FC-RY023-NSB-B-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 5.4    | mg/kg |
| RY023-NSB-B  | 09FC-RY023-NSB-B-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | COPPER        | 2.5                 | Y           | J             | J            |           | 2.5                 | mg/kg | 20.2   | mg/kg |
| RY023-NSB-B  | 09FC-RY023-NSB-B-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 11.5   | mg/kg |
| RY023-NSB-B  | 09FC-RY023-NSB-B-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 281    | mg/kg |
| RY023-NSB-B  | 09FC-RY023-NSB-B-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 5420   | mg/kg |
| RY023-NSB-B  | 09FC-RY023-NSB-B-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.7    | mg/kg |
| RY023-NSB-C  | 09FC-RY023-NSB-C-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 10600  | mg/kg |
| RY023-NSB-C  | 09FC-RY023-NSB-C-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 9700   | mg/kg |
| RY023-NSB-C  | 09FC-RY023-NSB-C-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 135    | mg/kg |
| RY023-NSB-C  | 09FC-RY023-NSB-C-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2680   | mg/kg |
| RY023-NSB-C  | 09FC-RY023-NSB-C-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 611    | mg/kg |
| RY023-NSB-C  | 09FC-RY023-NSB-C-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.6    | mg/kg |
| RY023-NSB-C  | 09FC-RY023-NSB-C-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1380   | mg/kg |
| RY023-NSB-C  | 09FC-RY023-NSB-C-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 1      | mg/kg |
| RY023-NSB-C  | 09FC-RY023-NSB-C-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 518    | mg/kg |
| RY023-NSB-C  | 09FC-RY023-NSB-C-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY023-NSB-C  | 09FC-RY023-NSB-C-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | ANTIMONY      | 6                   | N           | U             |              | U         | 6                   | mg/kg | 6.2    | mg/kg |
| RY023-NSB-C  | 09FC-RY023-NSB-C-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 7.2    | mg/kg |
| RY023-NSB-C  | 09FC-RY023-NSB-C-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 321    | mg/kg |
| RY023-NSB-C  | 09FC-RY023-NSB-C-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.36   | mg/kg |
| RY023-NSB-C  | 09FC-RY023-NSB-C-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 0.67   | mg/kg |
| RY023-NSB-C  | 09FC-RY023-NSB-C-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 6.7    | mg/kg |
| RY023-NSB-C  | 09FC-RY023-NSB-C-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 6.6    | mg/kg |
| RY023-NSB-C  | 09FC-RY023-NSB-C-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | COPPER        | 2.5                 | Y           | J             | J            |           | 2.5                 | mg/kg | 52.4   | mg/kg |
| RY023-NSB-C  | 09FC-RY023-NSB-C-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 13.3   | mg/kg |
| RY023-NSB-C  | 09FC-RY023-NSB-C-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 286    | mg/kg |
| RY023-NSB-C  | 09FC-RY023-NSB-C-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 5640   | mg/kg |
| RY023-NSB-C  | 09FC-RY023-NSB-C-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.6    | mg/kg |
| RY023-NSB-D  | 09FC-RY023-NSB-D-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 8020   | mg/kg |
| RY023-NSB-D  | 09FC-RY023-NSB-D-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 8740   | mg/kg |
| RY023-NSB-D  | 09FC-RY023-NSB-D-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 65.9   | mg/kg |
| RY023-NSB-D  | 09FC-RY023-NSB-D-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2560   | mg/kg |
| RY023-NSB-D  | 09FC-RY023-NSB-D-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 400    | mg/kg |
| RY023-NSB-D  | 09FC-RY023-NSB-D-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.4    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY023-NSB-D  | 09FC-RY023-NSB-D-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1230   | mg/kg |
| RY023-NSB-D  | 09FC-RY023-NSB-D-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 1      | mg/kg |
| RY023-NSB-D  | 09FC-RY023-NSB-D-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 517    | mg/kg |
| RY023-NSB-D  | 09FC-RY023-NSB-D-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY023-NSB-D  | 09FC-RY023-NSB-D-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | ANTIMONY      | 6                   | N           | U             |              | U         | 6                   | mg/kg | 6.2    | mg/kg |
| RY023-NSB-D  | 09FC-RY023-NSB-D-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 7      | mg/kg |
| RY023-NSB-D  | 09FC-RY023-NSB-D-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 208    | mg/kg |
| RY023-NSB-D  | 09FC-RY023-NSB-D-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.28   | mg/kg |
| RY023-NSB-D  | 09FC-RY023-NSB-D-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 0.56   | mg/kg |
| RY023-NSB-D  | 09FC-RY023-NSB-D-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 5.3    | mg/kg |
| RY023-NSB-D  | 09FC-RY023-NSB-D-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 5.1    | mg/kg |
| RY023-NSB-D  | 09FC-RY023-NSB-D-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | COPPER        | 2.5                 | Y           | J             |              | J         | 2.5                 | mg/kg | 17.2   | mg/kg |
| RY023-NSB-D  | 09FC-RY023-NSB-D-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 11.6   | mg/kg |
| RY023-NSB-D  | 09FC-RY023-NSB-D-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 141    | mg/kg |
| RY023-NSB-D  | 09FC-RY023-NSB-D-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 3190   | mg/kg |
| RY023-NSB-D  | 09FC-RY023-NSB-D-002006 | 8/5/2009    | N           | 2           | 6         | in         | C200.7          | 8/24/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.6    | mg/kg |
| RY023-NSS-A  | 09FC-RY023-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 8260   | mg/kg |
| RY023-NSS-A  | 09FC-RY023-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 8600   | mg/kg |
| RY023-NSS-A  | 09FC-RY023-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | LEAD          | 1                   | Y           | J+            |              | J+        | 1                   | mg/kg | 523    | mg/kg |
| RY023-NSS-A  | 09FC-RY023-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2500   | mg/kg |
| RY023-NSS-A  | 09FC-RY023-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 431    | mg/kg |
| RY023-NSS-A  | 09FC-RY023-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.1    | mg/kg |
| RY023-NSS-A  | 09FC-RY023-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1410   | mg/kg |
| RY023-NSS-A  | 09FC-RY023-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 1.1    | mg/kg |
| RY023-NSS-A  | 09FC-RY023-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 528    | mg/kg |
| RY023-NSS-A  | 09FC-RY023-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY023-NSS-A  | 09FC-RY023-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ANTIMONY      | 6                   | Y           | J             |              | J         | 6                   | mg/kg | 2.2    | mg/kg |
| RY023-NSS-A  | 09FC-RY023-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 5.6    | mg/kg |
| RY023-NSS-A  | 09FC-RY023-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 256    | mg/kg |
| RY023-NSS-A  | 09FC-RY023-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.28   | mg/kg |
| RY023-NSS-A  | 09FC-RY023-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 0.96   | mg/kg |
| RY023-NSS-A  | 09FC-RY023-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 23.8   | mg/kg |
| RY023-NSS-A  | 09FC-RY023-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 5.3    | mg/kg |
| RY023-NSS-A  | 09FC-RY023-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | COPPER        | 2.5                 | Y           | J             |              | J         | 2.5                 | mg/kg | 17.2   | mg/kg |
| RY023-NSS-A  | 09FC-RY023-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 11.3   | mg/kg |
| RY023-NSS-A  | 09FC-RY023-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 373    | mg/kg |
| RY023-NSS-A  | 09FC-RY023-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 4730   | mg/kg |
| RY023-NSS-A  | 09FC-RY023-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.7    | mg/kg |
| RY023-NSS-B  | 09FC-RY023-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 8490   | mg/kg |
| RY023-NSS-B  | 09FC-RY023-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 9840   | mg/kg |
| RY023-NSS-B  | 09FC-RY023-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | LEAD          | 1                   | Y           | J+            |              | J+        | 1                   | mg/kg | 71.2   | mg/kg |
| RY023-NSS-B  | 09FC-RY023-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2310   | mg/kg |
| RY023-NSS-B  | 09FC-RY023-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 578    | mg/kg |
| RY023-NSS-B  | 09FC-RY023-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.4    | mg/kg |
| RY023-NSS-B  | 09FC-RY023-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1370   | mg/kg |
| RY023-NSS-B  | 09FC-RY023-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 1      | mg/kg |
| RY023-NSS-B  | 09FC-RY023-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SODIUM        | 500                 | Y           |               |              |           | 500                 | mg/kg | 675    | mg/kg |
| RY023-NSS-B  | 09FC-RY023-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |



## Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY023-NSS-B  | 09FC-RY023-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ANTIMONY      | 6                   | N           | U             |              | U         | 6                   | mg/kg | 6.1    | mg/kg |
| RY023-NSS-B  | 09FC-RY023-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 4.7    | mg/kg |
| RY023-NSS-B  | 09FC-RY023-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 174    | mg/kg |
| RY023-NSS-B  | 09FC-RY023-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.26   | mg/kg |
| RY023-NSS-B  | 09FC-RY023-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CADMIUM       | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.34   | mg/kg |
| RY023-NSS-B  | 09FC-RY023-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 7.3    | mg/kg |
| RY023-NSS-B  | 09FC-RY023-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 5.8    | mg/kg |
| RY023-NSS-B  | 09FC-RY023-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | COPPER        | 2.5                 | Y           | J             | J            |           | 2.5                 | mg/kg | 19.4   | mg/kg |
| RY023-NSS-B  | 09FC-RY023-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 12.4   | mg/kg |
| RY023-NSS-B  | 09FC-RY023-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 95.8   | mg/kg |
| RY023-NSS-B  | 09FC-RY023-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 3680   | mg/kg |
| RY023-NSS-B  | 09FC-RY023-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.6    | mg/kg |
| RY023-NSS-C  | 09FC-RY023-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 10600  | mg/kg |
| RY023-NSS-C  | 09FC-RY023-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 9690   | mg/kg |
| RY023-NSS-C  | 09FC-RY023-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 212    | mg/kg |
| RY023-NSS-C  | 09FC-RY023-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2630   | mg/kg |
| RY023-NSS-C  | 09FC-RY023-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 545    | mg/kg |
| RY023-NSS-C  | 09FC-RY023-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.9    | mg/kg |
| RY023-NSS-C  | 09FC-RY023-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1660   | mg/kg |
| RY023-NSS-C  | 09FC-RY023-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 1      | mg/kg |
| RY023-NSS-C  | 09FC-RY023-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 508    | mg/kg |
| RY023-NSS-C  | 09FC-RY023-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.5    | mg/kg |
| RY023-NSS-C  | 09FC-RY023-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | ANTIMONY      | 6                   | N           | U             |              | U         | 6                   | mg/kg | 6.1    | mg/kg |
| RY023-NSS-C  | 09FC-RY023-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 6.2    | mg/kg |
| RY023-NSS-C  | 09FC-RY023-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 276    | mg/kg |
| RY023-NSS-C  | 09FC-RY023-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.33   | mg/kg |
| RY023-NSS-C  | 09FC-RY023-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 0.69   | mg/kg |
| RY023-NSS-C  | 09FC-RY023-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 7.2    | mg/kg |
| RY023-NSS-C  | 09FC-RY023-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 6.3    | mg/kg |
| RY023-NSS-C  | 09FC-RY023-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | COPPER        | 2.5                 | Y           | J             | J            |           | 2.5                 | mg/kg | 53.7   | mg/kg |
| RY023-NSS-C  | 09FC-RY023-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 13.6   | mg/kg |
| RY023-NSS-C  | 09FC-RY023-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 367    | mg/kg |
| RY023-NSS-C  | 09FC-RY023-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 6140   | mg/kg |
| RY023-NSS-C  | 09FC-RY023-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/23/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.6    | mg/kg |
| RY024-NSB-D  | 09FC-RY024-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | ALUMINUM      | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 5040   | mg/kg |
| RY024-NSB-D  | 09FC-RY024-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 9420   | mg/kg |
| RY024-NSB-D  | 09FC-RY024-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 60.8   | mg/kg |
| RY024-NSB-D  | 09FC-RY024-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 3030   | mg/kg |
| RY024-NSB-D  | 09FC-RY024-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 285    | mg/kg |
| RY024-NSB-D  | 09FC-RY024-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.3    | mg/kg |
| RY024-NSB-D  | 09FC-RY024-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1240   | mg/kg |
| RY024-NSB-D  | 09FC-RY024-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | SILVER        | 1                   | Y           | J+            | J+           | J         | 1                   | mg/kg | 0.13   | mg/kg |
| RY024-NSB-D  | 09FC-RY024-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | SODIUM        | 500                 | Y           | U             | U            | J         | 500                 | mg/kg | 500    | mg/kg |
| RY024-NSB-D  | 09FC-RY024-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.9    | mg/kg |
| RY024-NSB-D  | 09FC-RY024-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | ANTIMONY      | 6                   | Y           | J             | J            | J         | 6                   | mg/kg | 1.6    | mg/kg |
| RY024-NSB-D  | 09FC-RY024-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 4.6    | mg/kg |
| RY024-NSB-D  | 09FC-RY024-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 113    | mg/kg |
| RY024-NSB-D  | 09FC-RY024-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.28   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY024-NSB-D  | 09FC-RY024-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | CADMIUM       | 0.5                 | Y           | U             | U            | J         | 0.5                 | mg/kg | 0.5    | mg/kg |
| RY024-NSB-D  | 09FC-RY024-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 7      | mg/kg |
| RY024-NSB-D  | 09FC-RY024-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.5    | mg/kg |
| RY024-NSB-D  | 09FC-RY024-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 10.3   | mg/kg |
| RY024-NSB-D  | 09FC-RY024-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 13.6   | mg/kg |
| RY024-NSB-D  | 09FC-RY024-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 53.2   | mg/kg |
| RY024-NSB-D  | 09FC-RY024-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 4830   | mg/kg |
| RY024-NSB-D  | 09FC-RY024-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.81   | mg/kg |
| RY026-DSS-A  | 09FC-RY026-DSS-A-000002 | 8/6/2009    | FD          | 0           | 2         | in         | C200.7          | 10/13/2009    | ALUMINUM      | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 6580   | mg/kg |
| RY026-DSS-A  | 09FC-RY026-DSS-A-000002 | 8/6/2009    | FD          | 0           | 2         | in         | C200.7          | 10/13/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 10300  | mg/kg |
| RY026-DSS-A  | 09FC-RY026-DSS-A-000002 | 8/6/2009    | FD          | 0           | 2         | in         | C200.7          | 10/13/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 108    | mg/kg |
| RY026-DSS-A  | 09FC-RY026-DSS-A-000002 | 8/6/2009    | FD          | 0           | 2         | in         | C200.7          | 10/13/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 2670   | mg/kg |
| RY026-DSS-A  | 09FC-RY026-DSS-A-000002 | 8/6/2009    | FD          | 0           | 2         | in         | C200.7          | 10/13/2009    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 344    | mg/kg |
| RY026-DSS-A  | 09FC-RY026-DSS-A-000002 | 8/6/2009    | FD          | 0           | 2         | in         | C200.7          | 10/13/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.2    | mg/kg |
| RY026-DSS-A  | 09FC-RY026-DSS-A-000002 | 8/6/2009    | FD          | 0           | 2         | in         | C200.7          | 10/13/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1130   | mg/kg |
| RY026-DSS-A  | 09FC-RY026-DSS-A-000002 | 8/6/2009    | FD          | 0           | 2         | in         | C200.7          | 10/13/2009    | SILVER        | 1                   | Y           | J+            | J+           | J         | 1                   | mg/kg | 0.51   | mg/kg |
| RY026-DSS-A  | 09FC-RY026-DSS-A-000002 | 8/6/2009    | FD          | 0           | 2         | in         | C200.7          | 10/13/2009    | SODIUM        | 500                 | Y           | U             | U            | J         | 500                 | mg/kg | 500    | mg/kg |
| RY026-DSS-A  | 09FC-RY026-DSS-A-000002 | 8/6/2009    | FD          | 0           | 2         | in         | C200.7          | 10/13/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.3    | mg/kg |
| RY026-DSS-A  | 09FC-RY026-DSS-A-000002 | 8/6/2009    | FD          | 0           | 2         | in         | C200.7          | 10/13/2009    | ANTIMONY      | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 6      | mg/kg |
| RY026-DSS-A  | 09FC-RY026-DSS-A-000002 | 8/6/2009    | FD          | 0           | 2         | in         | C200.7          | 10/13/2009    | ARSENIC       | 1                   | N           | U             |              | U         | 1                   | mg/kg | 0.94   | mg/kg |
| RY026-DSS-A  | 09FC-RY026-DSS-A-000002 | 8/6/2009    | FD          | 0           | 2         | in         | C200.7          | 10/13/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 135    | mg/kg |
| RY026-DSS-A  | 09FC-RY026-DSS-A-000002 | 8/6/2009    | FD          | 0           | 2         | in         | C200.7          | 10/13/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.32   | mg/kg |
| RY026-DSS-A  | 09FC-RY026-DSS-A-000002 | 8/6/2009    | FD          | 0           | 2         | in         | C200.7          | 10/13/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 0.73   | mg/kg |
| RY026-DSS-A  | 09FC-RY026-DSS-A-000002 | 8/6/2009    | FD          | 0           | 2         | in         | C200.7          | 10/13/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 8.4    | mg/kg |
| RY026-DSS-A  | 09FC-RY026-DSS-A-000002 | 8/6/2009    | FD          | 0           | 2         | in         | C200.7          | 10/13/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4      | mg/kg |
| RY026-DSS-A  | 09FC-RY026-DSS-A-000002 | 8/6/2009    | FD          | 0           | 2         | in         | C200.7          | 10/13/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 12     | mg/kg |
| RY026-DSS-A  | 09FC-RY026-DSS-A-000002 | 8/6/2009    | FD          | 0           | 2         | in         | C200.7          | 10/13/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 14.6   | mg/kg |
| RY026-DSS-A  | 09FC-RY026-DSS-A-000002 | 8/6/2009    | FD          | 0           | 2         | in         | C200.7          | 10/13/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 187    | mg/kg |
| RY026-DSS-A  | 09FC-RY026-DSS-A-000002 | 8/6/2009    | FD          | 0           | 2         | in         | C200.7          | 10/13/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 2980   | mg/kg |
| RY026-DSS-A  | 09FC-RY026-DSS-A-000002 | 8/6/2009    | FD          | 0           | 2         | in         | C200.7          | 10/13/2009    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 1.9    | mg/kg |
| RY026-NSB-A  | 09FC-RY026-NSB-A-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | ALUMINUM      | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 7320   | mg/kg |
| RY026-NSB-A  | 09FC-RY026-NSB-A-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 10500  | mg/kg |
| RY026-NSB-A  | 09FC-RY026-NSB-A-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 172    | mg/kg |
| RY026-NSB-A  | 09FC-RY026-NSB-A-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 2590   | mg/kg |
| RY026-NSB-A  | 09FC-RY026-NSB-A-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 405    | mg/kg |
| RY026-NSB-A  | 09FC-RY026-NSB-A-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 5.8    | mg/kg |
| RY026-NSB-A  | 09FC-RY026-NSB-A-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 947    | mg/kg |
| RY026-NSB-A  | 09FC-RY026-NSB-A-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | SILVER        | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 0.85   | mg/kg |
| RY026-NSB-A  | 09FC-RY026-NSB-A-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | SODIUM        | 500                 | Y           | U             | U            | J         | 500                 | mg/kg | 500    | mg/kg |
| RY026-NSB-A  | 09FC-RY026-NSB-A-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2      | mg/kg |
| RY026-NSB-A  | 09FC-RY026-NSB-A-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | ANTIMONY      | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 9.2    | mg/kg |
| RY026-NSB-A  | 09FC-RY026-NSB-A-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 39.8   | mg/kg |
| RY026-NSB-A  | 09FC-RY026-NSB-A-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 163    | mg/kg |
| RY026-NSB-A  | 09FC-RY026-NSB-A-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.32   | mg/kg |
| RY026-NSB-A  | 09FC-RY026-NSB-A-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 1.2    | mg/kg |
| RY026-NSB-A  | 09FC-RY026-NSB-A-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 8.3    | mg/kg |
| RY026-NSB-A  | 09FC-RY026-NSB-A-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 4.3    | mg/kg |
| RY026-NSB-A  | 09FC-RY026-NSB-A-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 13.1   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY026-NSB-A  | 09FC-RY026-NSB-A-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 16     | mg/kg |
| RY026-NSB-A  | 09FC-RY026-NSB-A-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 221    | mg/kg |
| RY026-NSB-A  | 09FC-RY026-NSB-A-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 2920   | mg/kg |
| RY026-NSB-A  | 09FC-RY026-NSB-A-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.7    | mg/kg |
| RY026-NSB-A  | 09FC-RY026-NSB-A-006012 | 8/6/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | ALUMINUM      | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 7280   | mg/kg |
| RY026-NSB-A  | 09FC-RY026-NSB-A-006012 | 8/6/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 10900  | mg/kg |
| RY026-NSB-A  | 09FC-RY026-NSB-A-006012 | 8/6/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 270    | mg/kg |
| RY026-NSB-A  | 09FC-RY026-NSB-A-006012 | 8/6/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 2560   | mg/kg |
| RY026-NSB-A  | 09FC-RY026-NSB-A-006012 | 8/6/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 414    | mg/kg |
| RY026-NSB-A  | 09FC-RY026-NSB-A-006012 | 8/6/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.2    | mg/kg |
| RY026-NSB-A  | 09FC-RY026-NSB-A-006012 | 8/6/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 995    | mg/kg |
| RY026-NSB-A  | 09FC-RY026-NSB-A-006012 | 8/6/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | SILVER        | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 1.7    | mg/kg |
| RY026-NSB-A  | 09FC-RY026-NSB-A-006012 | 8/6/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | SODIUM        | 500                 | Y           | U             | U            | J         | 500                 | mg/kg | 500    | mg/kg |
| RY026-NSB-A  | 09FC-RY026-NSB-A-006012 | 8/6/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2      | mg/kg |
| RY026-NSB-A  | 09FC-RY026-NSB-A-006012 | 8/6/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | ANTIMONY      | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 12.9   | mg/kg |
| RY026-NSB-A  | 09FC-RY026-NSB-A-006012 | 8/6/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 18.1   | mg/kg |
| RY026-NSB-A  | 09FC-RY026-NSB-A-006012 | 8/6/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 185    | mg/kg |
| RY026-NSB-A  | 09FC-RY026-NSB-A-006012 | 8/6/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.32   | mg/kg |
| RY026-NSB-A  | 09FC-RY026-NSB-A-006012 | 8/6/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 2.4    | mg/kg |
| RY026-NSB-A  | 09FC-RY026-NSB-A-006012 | 8/6/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 7.6    | mg/kg |
| RY026-NSB-A  | 09FC-RY026-NSB-A-006012 | 8/6/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 6.3    | mg/kg |
| RY026-NSB-A  | 09FC-RY026-NSB-A-006012 | 8/6/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 12.9   | mg/kg |
| RY026-NSB-A  | 09FC-RY026-NSB-A-006012 | 8/6/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 15     | mg/kg |
| RY026-NSB-A  | 09FC-RY026-NSB-A-006012 | 8/6/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 375    | mg/kg |
| RY026-NSB-A  | 09FC-RY026-NSB-A-006012 | 8/6/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 10200  | mg/kg |
| RY026-NSB-A  | 09FC-RY026-NSB-A-006012 | 8/6/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.75   | mg/kg |
| RY026-NSB-B  | 09FC-RY026-NSB-B-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | ALUMINUM      | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 9230   | mg/kg |
| RY026-NSB-B  | 09FC-RY026-NSB-B-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 10700  | mg/kg |
| RY026-NSB-B  | 09FC-RY026-NSB-B-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 104    | mg/kg |
| RY026-NSB-B  | 09FC-RY026-NSB-B-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 2520   | mg/kg |
| RY026-NSB-B  | 09FC-RY026-NSB-B-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 422    | mg/kg |
| RY026-NSB-B  | 09FC-RY026-NSB-B-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.5    | mg/kg |
| RY026-NSB-B  | 09FC-RY026-NSB-B-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 771    | mg/kg |
| RY026-NSB-B  | 09FC-RY026-NSB-B-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | SILVER        | 1                   | Y           | J+            | J+           | J         | 1                   | mg/kg | 0.44   | mg/kg |
| RY026-NSB-B  | 09FC-RY026-NSB-B-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | SODIUM        | 500                 | Y           | U             | U            | J         | 500                 | mg/kg | 500    | mg/kg |
| RY026-NSB-B  | 09FC-RY026-NSB-B-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2      | mg/kg |
| RY026-NSB-B  | 09FC-RY026-NSB-B-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | ANTIMONY      | 6                   | Y           | J             | J            | J         | 6                   | mg/kg | 3.6    | mg/kg |
| RY026-NSB-B  | 09FC-RY026-NSB-B-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 7.2    | mg/kg |
| RY026-NSB-B  | 09FC-RY026-NSB-B-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 240    | mg/kg |
| RY026-NSB-B  | 09FC-RY026-NSB-B-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.4    | mg/kg |
| RY026-NSB-B  | 09FC-RY026-NSB-B-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 0.66   | mg/kg |
| RY026-NSB-B  | 09FC-RY026-NSB-B-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 7.8    | mg/kg |
| RY026-NSB-B  | 09FC-RY026-NSB-B-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 5.1    | mg/kg |
| RY026-NSB-B  | 09FC-RY026-NSB-B-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 14.5   | mg/kg |
| RY026-NSB-B  | 09FC-RY026-NSB-B-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 15.2   | mg/kg |
| RY026-NSB-B  | 09FC-RY026-NSB-B-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 148    | mg/kg |
| RY026-NSB-B  | 09FC-RY026-NSB-B-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 4260   | mg/kg |
| RY026-NSB-B  | 09FC-RY026-NSB-B-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.76   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                         |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY026-NSB-C  | 09FC-RY026-NSB-C-02006  | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | ALUMINUM      | 20            | Y           | J             | J            |           | 20                  | mg/kg | 7290   | mg/kg |
| RY026-NSB-C  | 09FC-RY026-NSB-C-02006  | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | IRON          | 10            | Y           | J             | J            |           | 10                  | mg/kg | 10100  | mg/kg |
| RY026-NSB-C  | 09FC-RY026-NSB-C-02006  | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | LEAD          | 1             | Y           |               |              |           | 1                   | mg/kg | 317    | mg/kg |
| RY026-NSB-C  | 09FC-RY026-NSB-C-02006  | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 2450   | mg/kg |
| RY026-NSB-C  | 09FC-RY026-NSB-C-02006  | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | MANGANESE     | 1.5           | Y           | J             | J            |           | 1.5                 | mg/kg | 406    | mg/kg |
| RY026-NSB-C  | 09FC-RY026-NSB-C-02006  | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | NICKEL        | 4             | Y           |               |              |           | 4                   | mg/kg | 5.7    | mg/kg |
| RY026-NSB-C  | 09FC-RY026-NSB-C-02006  | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | POTASSIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 1010   | mg/kg |
| RY026-NSB-C  | 09FC-RY026-NSB-C-02006  | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | SILVER        | 1             | Y           | J+            | J+           |           | 1                   | mg/kg | 2.3    | mg/kg |
| RY026-NSB-C  | 09FC-RY026-NSB-C-02006  | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | SODIUM        | 500           | Y           | U             | U            | J         | 500                 | mg/kg | 500    | mg/kg |
| RY026-NSB-C  | 09FC-RY026-NSB-C-02006  | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 1.8    | mg/kg |
| RY026-NSB-C  | 09FC-RY026-NSB-C-02006  | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | ANTIMONY      | 6             | Y           | J             | J            |           | 6                   | mg/kg | 18.4   | mg/kg |
| RY026-NSB-C  | 09FC-RY026-NSB-C-02006  | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | ARSENIC       | 1             | Y           |               |              |           | 1                   | mg/kg | 274    | mg/kg |
| RY026-NSB-C  | 09FC-RY026-NSB-C-02006  | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | BARIUM        | 20            | Y           |               |              |           | 20                  | mg/kg | 131    | mg/kg |
| RY026-NSB-C  | 09FC-RY026-NSB-C-02006  | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | BERYLLIUM     | 0.5           | Y           | J             |              | J         | 0.5                 | mg/kg | 0.32   | mg/kg |
| RY026-NSB-C  | 09FC-RY026-NSB-C-02006  | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | CADMIUM       | 0.5           | Y           |               |              |           | 0.5                 | mg/kg | 1.5    | mg/kg |
| RY026-NSB-C  | 09FC-RY026-NSB-C-02006  | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | CHROMIUM      | 1             | Y           |               |              |           | 1                   | mg/kg | 6.1    | mg/kg |
| RY026-NSB-C  | 09FC-RY026-NSB-C-02006  | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | COBALT        | 5             | Y           |               |              |           | 5                   | mg/kg | 4.2    | mg/kg |
| RY026-NSB-C  | 09FC-RY026-NSB-C-02006  | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | COPPER        | 2.5           | Y           |               |              |           | 2.5                 | mg/kg | 9.1    | mg/kg |
| RY026-NSB-C  | 09FC-RY026-NSB-C-02006  | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | VANADIUM      | 5             | Y           |               |              |           | 5                   | mg/kg | 13.2   | mg/kg |
| RY026-NSB-C  | 09FC-RY026-NSB-C-02006  | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | ZINC          | 6             | Y           | J             | J            |           | 6                   | mg/kg | 255    | mg/kg |
| RY026-NSB-C  | 09FC-RY026-NSB-C-02006  | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | CALCIUM       | 500           | Y           | J             | J            |           | 500                 | mg/kg | 2300   | mg/kg |
| RY026-NSB-C  | 09FC-RY026-NSB-C-02006  | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | SELENIUM      | 3.5           | Y           | J             |              | J         | 3.5                 | mg/kg | 0.56   | mg/kg |
| RY026-NSS-A  | 09FC-RY026-NSS-A-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | ALUMINUM      | 20            | Y           | J             | J            |           | 20                  | mg/kg | 6240   | mg/kg |
| RY026-NSS-A  | 09FC-RY026-NSS-A-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | IRON          | 10            | Y           | J             | J            |           | 10                  | mg/kg | 9680   | mg/kg |
| RY026-NSS-A  | 09FC-RY026-NSS-A-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | LEAD          | 1             | Y           |               |              |           | 1                   | mg/kg | 135    | mg/kg |
| RY026-NSS-A  | 09FC-RY026-NSS-A-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 2600   | mg/kg |
| RY026-NSS-A  | 09FC-RY026-NSS-A-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | MANGANESE     | 1.5           | Y           | J             | J            |           | 1.5                 | mg/kg | 326    | mg/kg |
| RY026-NSS-A  | 09FC-RY026-NSS-A-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | NICKEL        | 4             | Y           |               |              |           | 4                   | mg/kg | 6.5    | mg/kg |
| RY026-NSS-A  | 09FC-RY026-NSS-A-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | POTASSIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 1000   | mg/kg |
| RY026-NSS-A  | 09FC-RY026-NSS-A-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | SILVER        | 1             | Y           | J+            | J+           | J         | 1                   | mg/kg | 0.83   | mg/kg |
| RY026-NSS-A  | 09FC-RY026-NSS-A-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | SODIUM        | 500           | Y           | U             | U            | J         | 500                 | mg/kg | 500    | mg/kg |
| RY026-NSS-A  | 09FC-RY026-NSS-A-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY026-NSS-A  | 09FC-RY026-NSS-A-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | ANTIMONY      | 6             | Y           | J             | J            | J         | 6                   | mg/kg | 5      | mg/kg |
| RY026-NSS-A  | 09FC-RY026-NSS-A-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | ARSENIC       | 1             | Y           |               |              |           | 1                   | mg/kg | 10     | mg/kg |
| RY026-NSS-A  | 09FC-RY026-NSS-A-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | BARIUM        | 20            | Y           |               |              |           | 20                  | mg/kg | 142    | mg/kg |
| RY026-NSS-A  | 09FC-RY026-NSS-A-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | BERYLLIUM     | 0.5           | Y           | J             |              | J         | 0.5                 | mg/kg | 0.31   | mg/kg |
| RY026-NSS-A  | 09FC-RY026-NSS-A-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | CADMIUM       | 0.5           | Y           |               |              |           | 0.5                 | mg/kg | 0.84   | mg/kg |
| RY026-NSS-A  | 09FC-RY026-NSS-A-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | CHROMIUM      | 1             | Y           |               |              |           | 1                   | mg/kg | 9.4    | mg/kg |
| RY026-NSS-A  | 09FC-RY026-NSS-A-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | COBALT        | 5             | Y           | J             |              | J         | 5                   | mg/kg | 4.9    | mg/kg |
| RY026-NSS-A  | 09FC-RY026-NSS-A-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | COPPER        | 2.5           | Y           |               |              |           | 2.5                 | mg/kg | 11.9   | mg/kg |
| RY026-NSS-A  | 09FC-RY026-NSS-A-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | VANADIUM      | 5             | Y           |               |              |           | 5                   | mg/kg | 13.7   | mg/kg |
| RY026-NSS-A  | 09FC-RY026-NSS-A-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | ZINC          | 6             | Y           | J             | J            |           | 6                   | mg/kg | 193    | mg/kg |
| RY026-NSS-A  | 09FC-RY026-NSS-A-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | CALCIUM       | 500           | Y           | J             | J            |           | 500                 | mg/kg | 3540   | mg/kg |
| RY026-NSS-A  | 09FC-RY026-NSS-A-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | SELENIUM      | 3.5           | Y           | J             |              | J         | 3.5                 | mg/kg | 0.63   | mg/kg |
| RY026-NSS-B  | 09FC-RY026-NSS-B-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | ALUMINUM      | 20            | Y           | J             | J            |           | 20                  | mg/kg | 8160   | mg/kg |
| RY026-NSS-B  | 09FC-RY026-NSS-B-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | IRON          | 10            | Y           | J             | J            |           | 10                  | mg/kg | 9900   | mg/kg |
| RY026-NSS-B  | 09FC-RY026-NSS-B-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | LEAD          | 1             | Y           |               |              |           | 1                   | mg/kg | 87.6   | mg/kg |
| RY026-NSS-B  | 09FC-RY026-NSS-B-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 2550   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY026-NSS-B  | 09FC-RY026-NSS-B-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 377    | mg/kg |
| RY026-NSS-B  | 09FC-RY026-NSS-B-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.1    | mg/kg |
| RY026-NSS-B  | 09FC-RY026-NSS-B-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 839    | mg/kg |
| RY026-NSS-B  | 09FC-RY026-NSS-B-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | SILVER        | 1                   | Y           | J+            | J+           | J         | 1                   | mg/kg | 0.3    | mg/kg |
| RY026-NSS-B  | 09FC-RY026-NSS-B-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | SODIUM        | 500                 | Y           | U             | U            | J         | 500                 | mg/kg | 500    | mg/kg |
| RY026-NSS-B  | 09FC-RY026-NSS-B-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.4    | mg/kg |
| RY026-NSS-B  | 09FC-RY026-NSS-B-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | ANTIMONY      | 6                   | Y           | J             | J            | J         | 6                   | mg/kg | 2.4    | mg/kg |
| RY026-NSS-B  | 09FC-RY026-NSS-B-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 5.4    | mg/kg |
| RY026-NSS-B  | 09FC-RY026-NSS-B-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 188    | mg/kg |
| RY026-NSS-B  | 09FC-RY026-NSS-B-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.35   | mg/kg |
| RY026-NSS-B  | 09FC-RY026-NSS-B-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | CADMIUM       | 0.5                 | Y           | U             | U            |           | 0.5                 | mg/kg | 0.5    | mg/kg |
| RY026-NSS-B  | 09FC-RY026-NSS-B-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 7      | mg/kg |
| RY026-NSS-B  | 09FC-RY026-NSS-B-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.3    | mg/kg |
| RY026-NSS-B  | 09FC-RY026-NSS-B-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 13.2   | mg/kg |
| RY026-NSS-B  | 09FC-RY026-NSS-B-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 13.3   | mg/kg |
| RY026-NSS-B  | 09FC-RY026-NSS-B-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 138    | mg/kg |
| RY026-NSS-B  | 09FC-RY026-NSS-B-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 4790   | mg/kg |
| RY026-NSS-B  | 09FC-RY026-NSS-B-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.3    | mg/kg |
| RY026-NSS-C  | 09FC-RY026-NSS-C-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | ALUMINUM      | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 7250   | mg/kg |
| RY026-NSS-C  | 09FC-RY026-NSS-C-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 11100  | mg/kg |
| RY026-NSS-C  | 09FC-RY026-NSS-C-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 279    | mg/kg |
| RY026-NSS-C  | 09FC-RY026-NSS-C-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 2580   | mg/kg |
| RY026-NSS-C  | 09FC-RY026-NSS-C-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 411    | mg/kg |
| RY026-NSS-C  | 09FC-RY026-NSS-C-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6      | mg/kg |
| RY026-NSS-C  | 09FC-RY026-NSS-C-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1450   | mg/kg |
| RY026-NSS-C  | 09FC-RY026-NSS-C-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | SILVER        | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 1.7    | mg/kg |
| RY026-NSS-C  | 09FC-RY026-NSS-C-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | SODIUM        | 500                 | Y           | U             | U            | J         | 500                 | mg/kg | 500    | mg/kg |
| RY026-NSS-C  | 09FC-RY026-NSS-C-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2      | mg/kg |
| RY026-NSS-C  | 09FC-RY026-NSS-C-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | ANTIMONY      | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 18.3   | mg/kg |
| RY026-NSS-C  | 09FC-RY026-NSS-C-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 31.6   | mg/kg |
| RY026-NSS-C  | 09FC-RY026-NSS-C-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 145    | mg/kg |
| RY026-NSS-C  | 09FC-RY026-NSS-C-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.31   | mg/kg |
| RY026-NSS-C  | 09FC-RY026-NSS-C-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 1.8    | mg/kg |
| RY026-NSS-C  | 09FC-RY026-NSS-C-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 8.9    | mg/kg |
| RY026-NSS-C  | 09FC-RY026-NSS-C-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 4.3    | mg/kg |
| RY026-NSS-C  | 09FC-RY026-NSS-C-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 12.6   | mg/kg |
| RY026-NSS-C  | 09FC-RY026-NSS-C-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 14.6   | mg/kg |
| RY026-NSS-C  | 09FC-RY026-NSS-C-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 328    | mg/kg |
| RY026-NSS-C  | 09FC-RY026-NSS-C-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 3390   | mg/kg |
| RY026-NSS-C  | 09FC-RY026-NSS-C-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.63   | mg/kg |
| RY027-NSB-D  | 09FC-RY027-NSB-D-02006  | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | ALUMINUM      | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 6890   | mg/kg |
| RY027-NSB-D  | 09FC-RY027-NSB-D-02006  | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 9360   | mg/kg |
| RY027-NSB-D  | 09FC-RY027-NSB-D-02006  | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 221    | mg/kg |
| RY027-NSB-D  | 09FC-RY027-NSB-D-02006  | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 3290   | mg/kg |
| RY027-NSB-D  | 09FC-RY027-NSB-D-02006  | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 394    | mg/kg |
| RY027-NSB-D  | 09FC-RY027-NSB-D-02006  | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 5.9    | mg/kg |
| RY027-NSB-D  | 09FC-RY027-NSB-D-02006  | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1010   | mg/kg |
| RY027-NSB-D  | 09FC-RY027-NSB-D-02006  | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | SILVER        | 1                   | Y           | J+            | J+           | J         | 1                   | mg/kg | 0.67   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                         |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY027-NSB-D  | 09FC-RY027-NSB-D-02006  | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | SODIUM        | 500           | Y           | U             | U            | J         | 500                 | mg/kg | 500    | mg/kg |
| RY027-NSB-D  | 09FC-RY027-NSB-D-02006  | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2      | mg/kg |
| RY027-NSB-D  | 09FC-RY027-NSB-D-02006  | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | ANTIMONY      | 6             | Y           | J             | J            |           | 6                   | mg/kg | 13.4   | mg/kg |
| RY027-NSB-D  | 09FC-RY027-NSB-D-02006  | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | ARSENIC       | 1             | Y           |               |              |           | 1                   | mg/kg | 22.4   | mg/kg |
| RY027-NSB-D  | 09FC-RY027-NSB-D-02006  | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | BARIUM        | 20            | Y           |               |              |           | 20                  | mg/kg | 120    | mg/kg |
| RY027-NSB-D  | 09FC-RY027-NSB-D-02006  | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | BERYLLIUM     | 0.5           | Y           | J             |              | J         | 0.5                 | mg/kg | 0.32   | mg/kg |
| RY027-NSB-D  | 09FC-RY027-NSB-D-02006  | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | CADMIUM       | 0.5           | Y           |               |              |           | 0.5                 | mg/kg | 0.76   | mg/kg |
| RY027-NSB-D  | 09FC-RY027-NSB-D-02006  | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | CHROMIUM      | 1             | Y           |               |              |           | 1                   | mg/kg | 5.2    | mg/kg |
| RY027-NSB-D  | 09FC-RY027-NSB-D-02006  | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | COBALT        | 5             | Y           |               |              |           | 5                   | mg/kg | 4.1    | mg/kg |
| RY027-NSB-D  | 09FC-RY027-NSB-D-02006  | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | COPPER        | 2.5           | Y           |               |              |           | 2.5                 | mg/kg | 11.4   | mg/kg |
| RY027-NSB-D  | 09FC-RY027-NSB-D-02006  | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | VANADIUM      | 5             | Y           |               |              |           | 5                   | mg/kg | 9.7    | mg/kg |
| RY027-NSB-D  | 09FC-RY027-NSB-D-02006  | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | ZINC          | 6             | Y           | J             | J            |           | 6                   | mg/kg | 131    | mg/kg |
| RY027-NSB-D  | 09FC-RY027-NSB-D-02006  | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | CALCIUM       | 500           | Y           | J             | J            |           | 500                 | mg/kg | 13300  | mg/kg |
| RY027-NSB-D  | 09FC-RY027-NSB-D-02006  | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | SELENIUM      | 3.5           | N           | U             |              | U         | 3.5                 | mg/kg | 2.8    | mg/kg |
| RY029-NSB-G  | 09FC-RY029-NSB-G-02006  | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | ALUMINUM      | 20            | Y           | J             | J            |           | 20                  | mg/kg | 4260   | mg/kg |
| RY029-NSB-G  | 09FC-RY029-NSB-G-02006  | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | IRON          | 10            | Y           | J             | J            |           | 10                  | mg/kg | 7860   | mg/kg |
| RY029-NSB-G  | 09FC-RY029-NSB-G-02006  | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | LEAD          | 1             | Y           |               |              |           | 1                   | mg/kg | 16.7   | mg/kg |
| RY029-NSB-G  | 09FC-RY029-NSB-G-02006  | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 2460   | mg/kg |
| RY029-NSB-G  | 09FC-RY029-NSB-G-02006  | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | MANGANESE     | 1.5           | Y           | J             | J            |           | 1.5                 | mg/kg | 180    | mg/kg |
| RY029-NSB-G  | 09FC-RY029-NSB-G-02006  | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | NICKEL        | 4             | Y           |               |              |           | 4                   | mg/kg | 5.3    | mg/kg |
| RY029-NSB-G  | 09FC-RY029-NSB-G-02006  | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | POTASSIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 1130   | mg/kg |
| RY029-NSB-G  | 09FC-RY029-NSB-G-02006  | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | SILVER        | 1             | Y           | J+            | J+           | J         | 1                   | mg/kg | 0.12   | mg/kg |
| RY029-NSB-G  | 09FC-RY029-NSB-G-02006  | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | SODIUM        | 500           | Y           | U             | U            | J         | 500                 | mg/kg | 500    | mg/kg |
| RY029-NSB-G  | 09FC-RY029-NSB-G-02006  | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.2    | mg/kg |
| RY029-NSB-G  | 09FC-RY029-NSB-G-02006  | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | ANTIMONY      | 6             | N           | U             |              | U         | 6                   | mg/kg | 5.2    | mg/kg |
| RY029-NSB-G  | 09FC-RY029-NSB-G-02006  | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | ARSENIC       | 1             | Y           |               |              |           | 1                   | mg/kg | 3.1    | mg/kg |
| RY029-NSB-G  | 09FC-RY029-NSB-G-02006  | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | BARIUM        | 20            | Y           |               |              |           | 20                  | mg/kg | 77.2   | mg/kg |
| RY029-NSB-G  | 09FC-RY029-NSB-G-02006  | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | BERYLLIUM     | 0.5           | Y           | J             |              | J         | 0.5                 | mg/kg | 0.23   | mg/kg |
| RY029-NSB-G  | 09FC-RY029-NSB-G-02006  | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | CADMIUM       | 0.5           | Y           | U             | U            | J         | 0.5                 | mg/kg | 0.5    | mg/kg |
| RY029-NSB-G  | 09FC-RY029-NSB-G-02006  | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | CHROMIUM      | 1             | Y           |               |              |           | 1                   | mg/kg | 5      | mg/kg |
| RY029-NSB-G  | 09FC-RY029-NSB-G-02006  | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | COBALT        | 5             | Y           | J             |              | J         | 5                   | mg/kg | 3.5    | mg/kg |
| RY029-NSB-G  | 09FC-RY029-NSB-G-02006  | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | COPPER        | 2.5           | Y           |               |              |           | 2.5                 | mg/kg | 8.1    | mg/kg |
| RY029-NSB-G  | 09FC-RY029-NSB-G-02006  | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | VANADIUM      | 5             | Y           |               |              |           | 5                   | mg/kg | 10     | mg/kg |
| RY029-NSB-G  | 09FC-RY029-NSB-G-02006  | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | ZINC          | 6             | Y           | J             | J            |           | 6                   | mg/kg | 45.7   | mg/kg |
| RY029-NSB-G  | 09FC-RY029-NSB-G-02006  | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | CALCIUM       | 500           | Y           | J             | J            |           | 500                 | mg/kg | 1870   | mg/kg |
| RY029-NSB-G  | 09FC-RY029-NSB-G-02006  | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | SELENIUM      | 3.5           | Y           | J             |              | J         | 3.5                 | mg/kg | 0.54   | mg/kg |
| RY029-NSS-C  | 09FC-RY029-NSS-C-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | ALUMINUM      | 20            | Y           | J             | J            |           | 20                  | mg/kg | 4830   | mg/kg |
| RY029-NSS-C  | 09FC-RY029-NSS-C-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | IRON          | 10            | Y           | J             | J            |           | 10                  | mg/kg | 8100   | mg/kg |
| RY029-NSS-C  | 09FC-RY029-NSS-C-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | LEAD          | 1             | Y           |               |              |           | 1                   | mg/kg | 35.1   | mg/kg |
| RY029-NSS-C  | 09FC-RY029-NSS-C-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 2220   | mg/kg |
| RY029-NSS-C  | 09FC-RY029-NSS-C-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | MANGANESE     | 1.5           | Y           | J             | J            |           | 1.5                 | mg/kg | 204    | mg/kg |
| RY029-NSS-C  | 09FC-RY029-NSS-C-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | NICKEL        | 4             | Y           |               |              |           | 4                   | mg/kg | 5.3    | mg/kg |
| RY029-NSS-C  | 09FC-RY029-NSS-C-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | POTASSIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 1140   | mg/kg |
| RY029-NSS-C  | 09FC-RY029-NSS-C-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | SILVER        | 1             | Y           | J+            | J+           | J         | 1                   | mg/kg | 0.17   | mg/kg |
| RY029-NSS-C  | 09FC-RY029-NSS-C-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | SODIUM        | 500           | Y           | U             | U            | J         | 500                 | mg/kg | 500    | mg/kg |
| RY029-NSS-C  | 09FC-RY029-NSS-C-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.5    | mg/kg |
| RY029-NSS-C  | 09FC-RY029-NSS-C-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | ANTIMONY      | 6             | Y           | J             | J            | J         | 6                   | mg/kg | 2.6    | mg/kg |
| RY029-NSS-C  | 09FC-RY029-NSS-C-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | ARSENIC       | 1             | Y           |               |              |           | 1                   | mg/kg | 4.7    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY029-NSS-C  | 09FC-RY029-NSS-C-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 102    | mg/kg |
| RY029-NSS-C  | 09FC-RY029-NSS-C-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.31   | mg/kg |
| RY029-NSS-C  | 09FC-RY029-NSS-C-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | CADMIUM       | 0.5                 | Y           | U             | U            | J         | 0.5                 | mg/kg | 0.5    | mg/kg |
| RY029-NSS-C  | 09FC-RY029-NSS-C-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 5.5    | mg/kg |
| RY029-NSS-C  | 09FC-RY029-NSS-C-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 3.6    | mg/kg |
| RY029-NSS-C  | 09FC-RY029-NSS-C-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 8.5    | mg/kg |
| RY029-NSS-C  | 09FC-RY029-NSS-C-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 12     | mg/kg |
| RY029-NSS-C  | 09FC-RY029-NSS-C-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 67.2   | mg/kg |
| RY029-NSS-C  | 09FC-RY029-NSS-C-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 1770   | mg/kg |
| RY029-NSS-C  | 09FC-RY029-NSS-C-000002 | 8/6/2009    | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.4    | mg/kg |
| RY030-NSB-B  | 09FC-RY030-NSB-B-006012 | 8/6/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | ALUMINUM      | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 6310   | mg/kg |
| RY030-NSB-B  | 09FC-RY030-NSB-B-006012 | 8/6/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 8880   | mg/kg |
| RY030-NSB-B  | 09FC-RY030-NSB-B-006012 | 8/6/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 82     | mg/kg |
| RY030-NSB-B  | 09FC-RY030-NSB-B-006012 | 8/6/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 2920   | mg/kg |
| RY030-NSB-B  | 09FC-RY030-NSB-B-006012 | 8/6/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 362    | mg/kg |
| RY030-NSB-B  | 09FC-RY030-NSB-B-006012 | 8/6/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.5    | mg/kg |
| RY030-NSB-B  | 09FC-RY030-NSB-B-006012 | 8/6/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1200   | mg/kg |
| RY030-NSB-B  | 09FC-RY030-NSB-B-006012 | 8/6/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | SILVER        | 1                   | Y           | J+            | J+           | J         | 1                   | mg/kg | 0.35   | mg/kg |
| RY030-NSB-B  | 09FC-RY030-NSB-B-006012 | 8/6/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | SODIUM        | 500                 | Y           | U             | U            | J         | 500                 | mg/kg | 500    | mg/kg |
| RY030-NSB-B  | 09FC-RY030-NSB-B-006012 | 8/6/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.7    | mg/kg |
| RY030-NSB-B  | 09FC-RY030-NSB-B-006012 | 8/6/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | ANTIMONY      | 6                   | Y           | J             | J            | J         | 6                   | mg/kg | 4      | mg/kg |
| RY030-NSB-B  | 09FC-RY030-NSB-B-006012 | 8/6/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 11.5   | mg/kg |
| RY030-NSB-B  | 09FC-RY030-NSB-B-006012 | 8/6/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 149    | mg/kg |
| RY030-NSB-B  | 09FC-RY030-NSB-B-006012 | 8/6/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.33   | mg/kg |
| RY030-NSB-B  | 09FC-RY030-NSB-B-006012 | 8/6/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 0.57   | mg/kg |
| RY030-NSB-B  | 09FC-RY030-NSB-B-006012 | 8/6/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 6.4    | mg/kg |
| RY030-NSB-B  | 09FC-RY030-NSB-B-006012 | 8/6/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.6    | mg/kg |
| RY030-NSB-B  | 09FC-RY030-NSB-B-006012 | 8/6/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 11.8   | mg/kg |
| RY030-NSB-B  | 09FC-RY030-NSB-B-006012 | 8/6/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 10.8   | mg/kg |
| RY030-NSB-B  | 09FC-RY030-NSB-B-006012 | 8/6/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 136    | mg/kg |
| RY030-NSB-B  | 09FC-RY030-NSB-B-006012 | 8/6/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 2420   | mg/kg |
| RY030-NSB-B  | 09FC-RY030-NSB-B-006012 | 8/6/2009    | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.77   | mg/kg |
| RY030-NSB-D  | 09FC-RY030-NSB-D-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | ALUMINUM      | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 1700   | mg/kg |
| RY030-NSB-D  | 09FC-RY030-NSB-D-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 66600  | mg/kg |
| RY030-NSB-D  | 09FC-RY030-NSB-D-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 7910   | mg/kg |
| RY030-NSB-D  | 09FC-RY030-NSB-D-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 1800   | mg/kg |
| RY030-NSB-D  | 09FC-RY030-NSB-D-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 3780   | mg/kg |
| RY030-NSB-D  | 09FC-RY030-NSB-D-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | NICKEL        | 4                   | Y           | J             |              | J         | 4                   | mg/kg | 2.9    | mg/kg |
| RY030-NSB-D  | 09FC-RY030-NSB-D-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | POTASSIUM     | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 342    | mg/kg |
| RY030-NSB-D  | 09FC-RY030-NSB-D-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | SILVER        | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 69.8   | mg/kg |
| RY030-NSB-D  | 09FC-RY030-NSB-D-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | SODIUM        | 500                 | Y           | U             | U            | J         | 500                 | mg/kg | 43.6   | mg/kg |
| RY030-NSB-D  | 09FC-RY030-NSB-D-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | THALLIUM      | 2.5                 | Y           | J             |              | J         | 2.5                 | mg/kg | 0.34   | mg/kg |
| RY030-NSB-D  | 09FC-RY030-NSB-D-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | ANTIMONY      | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 1290   | mg/kg |
| RY030-NSB-D  | 09FC-RY030-NSB-D-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 1200   | mg/kg |
| RY030-NSB-D  | 09FC-RY030-NSB-D-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 36.1   | mg/kg |
| RY030-NSB-D  | 09FC-RY030-NSB-D-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | BERYLLIUM     | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.4    | mg/kg |
| RY030-NSB-D  | 09FC-RY030-NSB-D-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 29.8   | mg/kg |
| RY030-NSB-D  | 09FC-RY030-NSB-D-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 1.7    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY030-NSB-D  | 09FC-RY030-NSB-D-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 1.6    | mg/kg |
| RY030-NSB-D  | 09FC-RY030-NSB-D-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 50     | mg/kg |
| RY030-NSB-D  | 09FC-RY030-NSB-D-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 5.2    | mg/kg |
| RY030-NSB-D  | 09FC-RY030-NSB-D-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 1630   | mg/kg |
| RY030-NSB-D  | 09FC-RY030-NSB-D-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 2      | mg/kg |
| RY030-NSB-D  | 09FC-RY030-NSB-D-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/14/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 6130   | mg/kg |
| RY030-NSB-E  | 09FC-RY030-NSB-E-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | ALUMINUM      | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 5300   | mg/kg |
| RY030-NSB-E  | 09FC-RY030-NSB-E-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 15600  | mg/kg |
| RY030-NSB-E  | 09FC-RY030-NSB-E-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 1880   | mg/kg |
| RY030-NSB-E  | 09FC-RY030-NSB-E-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 2510   | mg/kg |
| RY030-NSB-E  | 09FC-RY030-NSB-E-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 632    | mg/kg |
| RY030-NSB-E  | 09FC-RY030-NSB-E-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.3    | mg/kg |
| RY030-NSB-E  | 09FC-RY030-NSB-E-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1310   | mg/kg |
| RY030-NSB-E  | 09FC-RY030-NSB-E-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | SILVER        | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 17.5   | mg/kg |
| RY030-NSB-E  | 09FC-RY030-NSB-E-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | SODIUM        | 500                 | Y           | U             | U            | J         | 500                 | mg/kg | 500    | mg/kg |
| RY030-NSB-E  | 09FC-RY030-NSB-E-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.4    | mg/kg |
| RY030-NSB-E  | 09FC-RY030-NSB-E-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | ANTIMONY      | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 185    | mg/kg |
| RY030-NSB-E  | 09FC-RY030-NSB-E-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 345    | mg/kg |
| RY030-NSB-E  | 09FC-RY030-NSB-E-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 188    | mg/kg |
| RY030-NSB-E  | 09FC-RY030-NSB-E-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.27   | mg/kg |
| RY030-NSB-E  | 09FC-RY030-NSB-E-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 1.7    | mg/kg |
| RY030-NSB-E  | 09FC-RY030-NSB-E-002006 | 8/6/2009    | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 6.4    | mg/kg |
| RY043-NSB-E  | 09FC-RY043-NSB-E-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 3.5    | mg/kg |
| RY043-NSB-E  | 09FC-RY043-NSB-E-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 19.2   | mg/kg |
| RY043-NSB-E  | 09FC-RY043-NSB-E-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 7.9    | mg/kg |
| RY043-NSB-E  | 09FC-RY043-NSB-E-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 1050   | mg/kg |
| RY043-NSB-E  | 09FC-RY043-NSB-E-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 4690   | mg/kg |
| RY043-NSB-E  | 09FC-RY043-NSB-E-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.93   | mg/kg |
| RY043-NSS-E  | 09FC-RY043-NSS-E-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 4000   | mg/kg |
| RY043-NSS-E  | 09FC-RY043-NSS-E-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 18500  | mg/kg |
| RY043-NSS-E  | 09FC-RY043-NSS-E-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 1120   | mg/kg |
| RY043-NSS-E  | 09FC-RY043-NSS-E-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 5570   | mg/kg |
| RY043-NSS-E  | 09FC-RY043-NSS-E-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 854    | mg/kg |
| RY043-NSS-E  | 09FC-RY043-NSS-E-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 5.3    | mg/kg |
| RY043-NSS-E  | 09FC-RY043-NSS-E-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 831    | mg/kg |
| RY043-NSS-E  | 09FC-RY043-NSS-E-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | SILVER        | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 11.3   | mg/kg |
| RY043-NSS-E  | 09FC-RY043-NSS-E-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY043-NSS-E  | 09FC-RY043-NSS-E-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.4    | mg/kg |
| RY043-NSS-E  | 09FC-RY043-NSS-E-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ANTIMONY      | 6                   | Y           |               |              |           | 6                   | mg/kg | 333    | mg/kg |
| RY043-NSS-E  | 09FC-RY043-NSS-E-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 144    | mg/kg |
| RY043-NSS-E  | 09FC-RY043-NSS-E-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 68.7   | mg/kg |
| RY043-NSS-E  | 09FC-RY043-NSS-E-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.27   | mg/kg |
| RY043-NSS-E  | 09FC-RY043-NSS-E-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 3      | mg/kg |
| RY043-NSS-E  | 09FC-RY043-NSS-E-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 4.5    | mg/kg |
| RY043-NSS-E  | 09FC-RY043-NSS-E-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 2.7    | mg/kg |
| RY043-NSS-E  | 09FC-RY043-NSS-E-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 22.4   | mg/kg |
| RY043-NSS-E  | 09FC-RY043-NSS-E-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 5.7    | mg/kg |
| RY043-NSS-E  | 09FC-RY043-NSS-E-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 402    | mg/kg |



Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY043-NSS-E  | 09FC-RY043-NSS-E-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 11900  | mg/kg |
| RY043-NSS-E  | 09FC-RY043-NSS-E-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 1.7    | mg/kg |
| RY045-NSB-A  | 09FC-RY045-NSB-A-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 5070   | mg/kg |
| RY045-NSB-A  | 09FC-RY045-NSB-A-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 7880   | mg/kg |
| RY045-NSB-A  | 09FC-RY045-NSB-A-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 143    | mg/kg |
| RY045-NSB-A  | 09FC-RY045-NSB-A-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3620   | mg/kg |
| RY045-NSB-A  | 09FC-RY045-NSB-A-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 264    | mg/kg |
| RY045-NSB-A  | 09FC-RY045-NSB-A-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.5    | mg/kg |
| RY045-NSB-A  | 09FC-RY045-NSB-A-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 922    | mg/kg |
| RY045-NSB-A  | 09FC-RY045-NSB-A-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | SILVER        | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 1.4    | mg/kg |
| RY045-NSB-A  | 09FC-RY045-NSB-A-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY045-NSB-A  | 09FC-RY045-NSB-A-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.2    | mg/kg |
| RY045-NSB-A  | 09FC-RY045-NSB-A-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | ANTIMONY      | 6                   | Y           |               |              |           | 6                   | mg/kg | 14.5   | mg/kg |
| RY045-NSB-A  | 09FC-RY045-NSB-A-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 52.7   | mg/kg |
| RY045-NSB-A  | 09FC-RY045-NSB-A-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 119    | mg/kg |
| RY045-NSB-A  | 09FC-RY045-NSB-A-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.36   | mg/kg |
| RY045-NSB-A  | 09FC-RY045-NSB-A-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 1.3    | mg/kg |
| RY045-NSB-A  | 09FC-RY045-NSB-A-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 5.5    | mg/kg |
| RY045-NSB-A  | 09FC-RY045-NSB-A-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 3.7    | mg/kg |
| RY045-NSB-A  | 09FC-RY045-NSB-A-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 11.6   | mg/kg |
| RY045-NSB-A  | 09FC-RY045-NSB-A-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 9.3    | mg/kg |
| RY045-NSB-A  | 09FC-RY045-NSB-A-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 154    | mg/kg |
| RY045-NSB-A  | 09FC-RY045-NSB-A-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 7990   | mg/kg |
| RY045-NSB-A  | 09FC-RY045-NSB-A-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.82   | mg/kg |
| RY045-NSB-A  | 09FC-RY045-NSB-A-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 4580   | mg/kg |
| RY045-NSB-A  | 09FC-RY045-NSB-A-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 7140   | mg/kg |
| RY045-NSB-A  | 09FC-RY045-NSB-A-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 87.4   | mg/kg |
| RY045-NSB-A  | 09FC-RY045-NSB-A-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3480   | mg/kg |
| RY045-NSB-A  | 09FC-RY045-NSB-A-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 238    | mg/kg |
| RY045-NSB-A  | 09FC-RY045-NSB-A-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6      | mg/kg |
| RY045-NSB-A  | 09FC-RY045-NSB-A-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 766    | mg/kg |
| RY045-NSB-A  | 09FC-RY045-NSB-A-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | SILVER        | 1                   | Y           | J+            | J+           | J         | 1                   | mg/kg | 0.66   | mg/kg |
| RY045-NSB-A  | 09FC-RY045-NSB-A-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY045-NSB-A  | 09FC-RY045-NSB-A-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.4    | mg/kg |
| RY045-NSB-A  | 09FC-RY045-NSB-A-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ANTIMONY      | 6                   | Y           |               |              |           | 6                   | mg/kg | 10.3   | mg/kg |
| RY045-NSB-A  | 09FC-RY045-NSB-A-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 18     | mg/kg |
| RY045-NSB-A  | 09FC-RY045-NSB-A-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 113    | mg/kg |
| RY045-NSB-A  | 09FC-RY045-NSB-A-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.31   | mg/kg |
| RY045-NSB-A  | 09FC-RY045-NSB-A-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 0.62   | mg/kg |
| RY045-NSB-A  | 09FC-RY045-NSB-A-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 4.8    | mg/kg |
| RY045-NSB-A  | 09FC-RY045-NSB-A-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 3.5    | mg/kg |
| RY045-NSB-A  | 09FC-RY045-NSB-A-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 9.7    | mg/kg |
| RY045-NSB-A  | 09FC-RY045-NSB-A-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 8.9    | mg/kg |
| RY045-NSB-A  | 09FC-RY045-NSB-A-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 76.1   | mg/kg |
| RY045-NSB-A  | 09FC-RY045-NSB-A-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 7410   | mg/kg |
| RY045-NSB-A  | 09FC-RY045-NSB-A-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.66   | mg/kg |
| RY045-NSB-C  | 09FC-RY045-NSB-C-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 5200   | mg/kg |
| RY045-NSB-C  | 09FC-RY045-NSB-C-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 6570   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY045-NSB-C  | 09FC-RY045-NSB-C-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 114    | mg/kg |
| RY045-NSB-C  | 09FC-RY045-NSB-C-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1910   | mg/kg |
| RY045-NSB-C  | 09FC-RY045-NSB-C-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 271    | mg/kg |
| RY045-NSB-C  | 09FC-RY045-NSB-C-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 4.9    | mg/kg |
| RY045-NSB-C  | 09FC-RY045-NSB-C-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 800    | mg/kg |
| RY045-NSB-C  | 09FC-RY045-NSB-C-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | SILVER        | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 1.1    | mg/kg |
| RY045-NSB-C  | 09FC-RY045-NSB-C-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY045-NSB-C  | 09FC-RY045-NSB-C-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.1    | mg/kg |
| RY045-NSB-C  | 09FC-RY045-NSB-C-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | ANTIMONY      | 6                   | Y           |               |              |           | 6                   | mg/kg | 11.2   | mg/kg |
| RY045-NSB-C  | 09FC-RY045-NSB-C-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 17.1   | mg/kg |
| RY045-NSB-C  | 09FC-RY045-NSB-C-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 78.1   | mg/kg |
| RY045-NSB-C  | 09FC-RY045-NSB-C-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.3    | mg/kg |
| RY045-NSB-C  | 09FC-RY045-NSB-C-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 2.2    | mg/kg |
| RY045-NSB-C  | 09FC-RY045-NSB-C-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 4.3    | mg/kg |
| RY045-NSB-C  | 09FC-RY045-NSB-C-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 3.3    | mg/kg |
| RY045-NSB-C  | 09FC-RY045-NSB-C-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 7.5    | mg/kg |
| RY045-NSB-C  | 09FC-RY045-NSB-C-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 7.9    | mg/kg |
| RY045-NSB-C  | 09FC-RY045-NSB-C-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 439    | mg/kg |
| RY045-NSB-C  | 09FC-RY045-NSB-C-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 1530   | mg/kg |
| RY045-NSB-C  | 09FC-RY045-NSB-C-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.7    | mg/kg |
| RY045-NSB-C  | 09FC-RY045-NSB-C-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 5440   | mg/kg |
| RY045-NSB-C  | 09FC-RY045-NSB-C-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 7150   | mg/kg |
| RY045-NSB-C  | 09FC-RY045-NSB-C-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 94.7   | mg/kg |
| RY045-NSB-C  | 09FC-RY045-NSB-C-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1930   | mg/kg |
| RY045-NSB-C  | 09FC-RY045-NSB-C-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 255    | mg/kg |
| RY045-NSB-C  | 09FC-RY045-NSB-C-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 5      | mg/kg |
| RY045-NSB-C  | 09FC-RY045-NSB-C-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 844    | mg/kg |
| RY045-NSB-C  | 09FC-RY045-NSB-C-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | SILVER        | 1                   | Y           | J+            | J+           | J         | 1                   | mg/kg | 0.59   | mg/kg |
| RY045-NSB-C  | 09FC-RY045-NSB-C-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY045-NSB-C  | 09FC-RY045-NSB-C-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 1.8    | mg/kg |
| RY045-NSB-C  | 09FC-RY045-NSB-C-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ANTIMONY      | 6                   | Y           |               |              |           | 6                   | mg/kg | 10.2   | mg/kg |
| RY045-NSB-C  | 09FC-RY045-NSB-C-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 14.7   | mg/kg |
| RY045-NSB-C  | 09FC-RY045-NSB-C-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 87.1   | mg/kg |
| RY045-NSB-C  | 09FC-RY045-NSB-C-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.31   | mg/kg |
| RY045-NSB-C  | 09FC-RY045-NSB-C-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 1.8    | mg/kg |
| RY045-NSB-C  | 09FC-RY045-NSB-C-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 4.3    | mg/kg |
| RY045-NSB-C  | 09FC-RY045-NSB-C-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 3.3    | mg/kg |
| RY045-NSB-C  | 09FC-RY045-NSB-C-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 6.9    | mg/kg |
| RY045-NSB-C  | 09FC-RY045-NSB-C-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 8.6    | mg/kg |
| RY045-NSB-C  | 09FC-RY045-NSB-C-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 202    | mg/kg |
| RY045-NSB-C  | 09FC-RY045-NSB-C-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 1550   | mg/kg |
| RY045-NSB-C  | 09FC-RY045-NSB-C-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.72   | mg/kg |
| RY045-NSS-C  | 09FC-RY045-NSS-C-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 5140   | mg/kg |
| RY045-NSS-C  | 09FC-RY045-NSS-C-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 6860   | mg/kg |
| RY045-NSS-C  | 09FC-RY045-NSS-C-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 102    | mg/kg |
| RY045-NSS-C  | 09FC-RY045-NSS-C-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2010   | mg/kg |
| RY045-NSS-C  | 09FC-RY045-NSS-C-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 285    | mg/kg |
| RY045-NSS-C  | 09FC-RY045-NSS-C-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 5      | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY045-NSS-C  | 09FC-RY045-NSS-C-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 818    | mg/kg |
| RY045-NSS-C  | 09FC-RY045-NSS-C-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | SILVER        | 1                   | Y           | J+            | J+           | J         | 1                   | mg/kg | 0.91   | mg/kg |
| RY045-NSS-C  | 09FC-RY045-NSS-C-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY045-NSS-C  | 09FC-RY045-NSS-C-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.5    | mg/kg |
| RY045-NSS-C  | 09FC-RY045-NSS-C-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ANTIMONY      | 6                   | Y           |               |              |           | 6                   | mg/kg | 12.7   | mg/kg |
| RY045-NSS-C  | 09FC-RY045-NSS-C-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 14.5   | mg/kg |
| RY045-NSS-C  | 09FC-RY045-NSS-C-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 79.8   | mg/kg |
| RY045-NSS-C  | 09FC-RY045-NSS-C-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.28   | mg/kg |
| RY045-NSS-C  | 09FC-RY045-NSS-C-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 2.7    | mg/kg |
| RY045-NSS-C  | 09FC-RY045-NSS-C-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 4.2    | mg/kg |
| RY045-NSS-C  | 09FC-RY045-NSS-C-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 3.2    | mg/kg |
| RY045-NSS-C  | 09FC-RY045-NSS-C-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 8.3    | mg/kg |
| RY045-NSS-C  | 09FC-RY045-NSS-C-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 8      | mg/kg |
| RY045-NSS-C  | 09FC-RY045-NSS-C-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 479    | mg/kg |
| RY045-NSS-C  | 09FC-RY045-NSS-C-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 3200   | mg/kg |
| RY045-NSS-C  | 09FC-RY045-NSS-C-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.84   | mg/kg |
| RY045-NSS-D  | 09FC-RY045-NSS-D-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 1980   | mg/kg |
| RY045-NSS-D  | 09FC-RY045-NSS-D-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 54900  | mg/kg |
| RY045-NSS-D  | 09FC-RY045-NSS-D-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 5470   | mg/kg |
| RY045-NSS-D  | 09FC-RY045-NSS-D-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1570   | mg/kg |
| RY045-NSS-D  | 09FC-RY045-NSS-D-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 2830   | mg/kg |
| RY045-NSS-D  | 09FC-RY045-NSS-D-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 5.7    | mg/kg |
| RY045-NSS-D  | 09FC-RY045-NSS-D-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 530    | mg/kg |
| RY045-NSS-D  | 09FC-RY045-NSS-D-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | SILVER        | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 48.7   | mg/kg |
| RY045-NSS-D  | 09FC-RY045-NSS-D-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY045-NSS-D  | 09FC-RY045-NSS-D-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.5    | mg/kg |
| RY045-NSS-D  | 09FC-RY045-NSS-D-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ANTIMONY      | 6                   | Y           |               |              |           | 6                   | mg/kg | 1070   | mg/kg |
| RY045-NSS-D  | 09FC-RY045-NSS-D-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 1190   | mg/kg |
| RY045-NSS-D  | 09FC-RY045-NSS-D-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 44.3   | mg/kg |
| RY045-NSS-D  | 09FC-RY045-NSS-D-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.33   | mg/kg |
| RY045-NSS-D  | 09FC-RY045-NSS-D-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | CADMIUM       | 0.5                 | Y           | J-            | J-           |           | 0.5                 | mg/kg | 21.7   | mg/kg |
| RY045-NSS-D  | 09FC-RY045-NSS-D-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 2.3    | mg/kg |
| RY045-NSS-D  | 09FC-RY045-NSS-D-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 3.9    | mg/kg |
| RY045-NSS-D  | 09FC-RY045-NSS-D-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 35.6   | mg/kg |
| RY045-NSS-D  | 09FC-RY045-NSS-D-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | VANADIUM      | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.8    | mg/kg |
| RY045-NSS-D  | 09FC-RY045-NSS-D-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 3130   | mg/kg |
| RY045-NSS-D  | 09FC-RY045-NSS-D-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 1890   | mg/kg |
| RY045-NSS-D  | 09FC-RY045-NSS-D-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 2.8    | mg/kg |
| RY046-NSB-D  | 09FC-RY046-NSB-D-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 5670   | mg/kg |
| RY046-NSB-D  | 09FC-RY046-NSB-D-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 8570   | mg/kg |
| RY046-NSB-D  | 09FC-RY046-NSB-D-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 219    | mg/kg |
| RY046-NSB-D  | 09FC-RY046-NSB-D-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2790   | mg/kg |
| RY046-NSB-D  | 09FC-RY046-NSB-D-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 321    | mg/kg |
| RY046-NSB-D  | 09FC-RY046-NSB-D-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.4    | mg/kg |
| RY046-NSB-D  | 09FC-RY046-NSB-D-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 873    | mg/kg |
| RY046-NSB-D  | 09FC-RY046-NSB-D-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | SILVER        | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 1.5    | mg/kg |
| RY046-NSB-D  | 09FC-RY046-NSB-D-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY046-NSB-D  | 09FC-RY046-NSB-D-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.2    | mg/kg |

## Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY046-NSB-D  | 09FC-RY046-NSB-D-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | ANTIMONY      | 6                   | Y           |               |              |           | 6                   | mg/kg | 23.9   | mg/kg |
| RY046-NSB-D  | 09FC-RY046-NSB-D-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 52.7   | mg/kg |
| RY046-NSB-D  | 09FC-RY046-NSB-D-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 98.2   | mg/kg |
| RY046-NSB-D  | 09FC-RY046-NSB-D-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.35   | mg/kg |
| RY046-NSB-D  | 09FC-RY046-NSB-D-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | CADMIUM       | 0.5                 | Y           | J-            | J-           |           | 0.5                 | mg/kg | 1.8    | mg/kg |
| RY046-NSB-D  | 09FC-RY046-NSB-D-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 4.3    | mg/kg |
| RY046-NSB-D  | 09FC-RY046-NSB-D-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 3.7    | mg/kg |
| RY046-NSB-D  | 09FC-RY046-NSB-D-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 13.8   | mg/kg |
| RY046-NSB-D  | 09FC-RY046-NSB-D-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 6.9    | mg/kg |
| RY046-NSB-D  | 09FC-RY046-NSB-D-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 257    | mg/kg |
| RY046-NSB-D  | 09FC-RY046-NSB-D-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 7440   | mg/kg |
| RY046-NSB-D  | 09FC-RY046-NSB-D-002006 | 8/11/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.92   | mg/kg |
| RY046-NSB-D  | 09FC-RY046-NSB-D-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 6100   | mg/kg |
| RY046-NSB-D  | 09FC-RY046-NSB-D-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 8480   | mg/kg |
| RY046-NSB-D  | 09FC-RY046-NSB-D-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 169    | mg/kg |
| RY046-NSB-D  | 09FC-RY046-NSB-D-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2900   | mg/kg |
| RY046-NSB-D  | 09FC-RY046-NSB-D-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 317    | mg/kg |
| RY046-NSB-D  | 09FC-RY046-NSB-D-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.4    | mg/kg |
| RY046-NSB-D  | 09FC-RY046-NSB-D-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 886    | mg/kg |
| RY046-NSB-D  | 09FC-RY046-NSB-D-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | SILVER        | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 1.3    | mg/kg |
| RY046-NSB-D  | 09FC-RY046-NSB-D-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY046-NSB-D  | 09FC-RY046-NSB-D-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 1.8    | mg/kg |
| RY046-NSB-D  | 09FC-RY046-NSB-D-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ANTIMONY      | 6                   | Y           |               |              |           | 6                   | mg/kg | 17.2   | mg/kg |
| RY046-NSB-D  | 09FC-RY046-NSB-D-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 30.7   | mg/kg |
| RY046-NSB-D  | 09FC-RY046-NSB-D-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 109    | mg/kg |
| RY046-NSB-D  | 09FC-RY046-NSB-D-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.32   | mg/kg |
| RY046-NSB-D  | 09FC-RY046-NSB-D-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | CADMIUM       | 0.5                 | Y           | J-            | J-           |           | 0.5                 | mg/kg | 1.4    | mg/kg |
| RY046-NSB-D  | 09FC-RY046-NSB-D-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 4.2    | mg/kg |
| RY046-NSB-D  | 09FC-RY046-NSB-D-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 3.7    | mg/kg |
| RY046-NSB-D  | 09FC-RY046-NSB-D-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 15     | mg/kg |
| RY046-NSB-D  | 09FC-RY046-NSB-D-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 7.4    | mg/kg |
| RY046-NSB-D  | 09FC-RY046-NSB-D-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 200    | mg/kg |
| RY046-NSB-D  | 09FC-RY046-NSB-D-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 5930   | mg/kg |
| RY046-NSB-D  | 09FC-RY046-NSB-D-006012 | 8/11/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.9    | mg/kg |
| RY046-NSS-D  | 09FC-RY046-NSS-D-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ALUMINUM      | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 7610   | mg/kg |
| RY046-NSS-D  | 09FC-RY046-NSS-D-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 10400  | mg/kg |
| RY046-NSS-D  | 09FC-RY046-NSS-D-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 174    | mg/kg |
| RY046-NSS-D  | 09FC-RY046-NSS-D-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 3710   | mg/kg |
| RY046-NSS-D  | 09FC-RY046-NSS-D-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 368    | mg/kg |
| RY046-NSS-D  | 09FC-RY046-NSS-D-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 7      | mg/kg |
| RY046-NSS-D  | 09FC-RY046-NSS-D-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | POTASSIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 990    | mg/kg |
| RY046-NSS-D  | 09FC-RY046-NSS-D-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | SILVER        | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 1.2    | mg/kg |
| RY046-NSS-D  | 09FC-RY046-NSS-D-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY046-NSS-D  | 09FC-RY046-NSS-D-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY046-NSS-D  | 09FC-RY046-NSS-D-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ANTIMONY      | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 16.8   | mg/kg |
| RY046-NSS-D  | 09FC-RY046-NSS-D-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 32.4   | mg/kg |
| RY046-NSS-D  | 09FC-RY046-NSS-D-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | BARIUM        | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 118    | mg/kg |
| RY046-NSS-D  | 09FC-RY046-NSS-D-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.4    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY046-NSS-D  | 09FC-RY046-NSS-D-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 0.64   | mg/kg |
| RY046-NSS-D  | 09FC-RY046-NSS-D-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 5.6    | mg/kg |
| RY046-NSS-D  | 09FC-RY046-NSS-D-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.8    | mg/kg |
| RY046-NSS-D  | 09FC-RY046-NSS-D-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 14.4   | mg/kg |
| RY046-NSS-D  | 09FC-RY046-NSS-D-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 9.8    | mg/kg |
| RY046-NSS-D  | 09FC-RY046-NSS-D-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 218    | mg/kg |
| RY046-NSS-D  | 09FC-RY046-NSS-D-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 9360   | mg/kg |
| RY046-NSS-D  | 09FC-RY046-NSS-D-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | SELENIUM      | 3.5                 | Y           | U             | U            | J         | 3.5                 | mg/kg | 3.5    | mg/kg |
| RY052-NSS-D  | 09FC-RY052-NSS-D-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ALUMINUM      | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 4920   | mg/kg |
| RY052-NSS-D  | 09FC-RY052-NSS-D-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 9090   | mg/kg |
| RY052-NSS-D  | 09FC-RY052-NSS-D-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 91.4   | mg/kg |
| RY052-NSS-D  | 09FC-RY052-NSS-D-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 6570   | mg/kg |
| RY052-NSS-D  | 09FC-RY052-NSS-D-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 264    | mg/kg |
| RY052-NSS-D  | 09FC-RY052-NSS-D-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.4    | mg/kg |
| RY052-NSS-D  | 09FC-RY052-NSS-D-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | POTASSIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 961    | mg/kg |
| RY052-NSS-D  | 09FC-RY052-NSS-D-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | SILVER        | 1                   | Y           | J             | J            | J         | 1                   | mg/kg | 0.44   | mg/kg |
| RY052-NSS-D  | 09FC-RY052-NSS-D-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY052-NSS-D  | 09FC-RY052-NSS-D-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.7    | mg/kg |
| RY052-NSS-D  | 09FC-RY052-NSS-D-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ANTIMONY      | 6                   | Y           | J             | J            | J         | 6                   | mg/kg | 5.1    | mg/kg |
| RY052-NSS-D  | 09FC-RY052-NSS-D-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 10.9   | mg/kg |
| RY052-NSS-D  | 09FC-RY052-NSS-D-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | BARIUM        | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 97.6   | mg/kg |
| RY052-NSS-D  | 09FC-RY052-NSS-D-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.33   | mg/kg |
| RY052-NSS-D  | 09FC-RY052-NSS-D-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | CADMIUM       | 0.5                 | Y           | U             | U            | J         | 0.5                 | mg/kg | 0.5    | mg/kg |
| RY052-NSS-D  | 09FC-RY052-NSS-D-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 12.5   | mg/kg |
| RY052-NSS-D  | 09FC-RY052-NSS-D-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.1    | mg/kg |
| RY052-NSS-D  | 09FC-RY052-NSS-D-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 13.9   | mg/kg |
| RY052-NSS-D  | 09FC-RY052-NSS-D-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 11.7   | mg/kg |
| RY052-NSS-D  | 09FC-RY052-NSS-D-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 107    | mg/kg |
| RY052-NSS-D  | 09FC-RY052-NSS-D-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 9890   | mg/kg |
| RY052-NSS-D  | 09FC-RY052-NSS-D-000002 | 8/11/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | SELENIUM      | 3.5                 | Y           | U             | U            | J         | 3.5                 | mg/kg | 3.5    | mg/kg |
| RY053-NSB-C  | 09FC-RY053-NSB-C-002006 | 8/12/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | ALUMINUM      | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 2830   | mg/kg |
| RY053-NSB-C  | 09FC-RY053-NSB-C-002006 | 8/12/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 49900  | mg/kg |
| RY053-NSB-C  | 09FC-RY053-NSB-C-002006 | 8/12/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 7910   | mg/kg |
| RY053-NSB-C  | 09FC-RY053-NSB-C-002006 | 8/12/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 2370   | mg/kg |
| RY053-NSB-C  | 09FC-RY053-NSB-C-002006 | 8/12/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | MANGANESE     | 1.5                 | Y           | J-            | J-           |           | 1.5                 | mg/kg | 2720   | mg/kg |
| RY053-NSB-C  | 09FC-RY053-NSB-C-002006 | 8/12/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 8.5    | mg/kg |
| RY053-NSB-C  | 09FC-RY053-NSB-C-002006 | 8/12/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | POTASSIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 492    | mg/kg |
| RY053-NSB-C  | 09FC-RY053-NSB-C-002006 | 8/12/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | SILVER        | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 63.7   | mg/kg |
| RY053-NSB-C  | 09FC-RY053-NSB-C-002006 | 8/12/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | SODIUM        | 500                 | Y           | U             | U            | J         | 500                 | mg/kg | 500    | mg/kg |
| RY053-NSB-C  | 09FC-RY053-NSB-C-002006 | 8/12/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.3    | mg/kg |
| RY053-NSB-C  | 09FC-RY053-NSB-C-002006 | 8/12/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | ANTIMONY      | 6                   | Y           |               |              |           | 6                   | mg/kg | 1320   | mg/kg |
| RY053-NSB-C  | 09FC-RY053-NSB-C-002006 | 8/12/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 1680   | mg/kg |
| RY053-NSB-C  | 09FC-RY053-NSB-C-002006 | 8/12/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | BARIUM        | 20                  | Y           | J-            | J-           |           | 20                  | mg/kg | 43.7   | mg/kg |
| RY053-NSB-C  | 09FC-RY053-NSB-C-002006 | 8/12/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | BERYLLIUM     | 0.5                 | Y           | U             | U            | J         | 0.5                 | mg/kg | 0.5    | mg/kg |
| RY053-NSB-C  | 09FC-RY053-NSB-C-002006 | 8/12/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 23.9   | mg/kg |
| RY053-NSB-C  | 09FC-RY053-NSB-C-002006 | 8/12/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | CHROMIUM      | 1                   | Y           | J-            | J-           |           | 1                   | mg/kg | 3.2    | mg/kg |
| RY053-NSB-C  | 09FC-RY053-NSB-C-002006 | 8/12/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.2    | mg/kg |
| RY053-NSB-C  | 09FC-RY053-NSB-C-002006 | 8/12/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | COPPER        | 2.5                 | Y           | J             | J            |           | 2.5                 | mg/kg | 47.9   | mg/kg |

## Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY053-NSB-C  | 09FC-RY053-NSB-C-002006 | 8/12/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 4.8    | mg/kg |
| RY053-NSB-C  | 09FC-RY053-NSB-C-002006 | 8/12/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 3130   | mg/kg |
| RY053-NSB-C  | 09FC-RY053-NSB-C-002006 | 8/12/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 11200  | mg/kg |
| RY053-NSB-C  | 09FC-RY053-NSB-C-002006 | 8/12/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.3    | mg/kg |
| RY053-NSB-C  | 09FC-RY053-NSB-C-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ALUMINUM      | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 4880   | mg/kg |
| RY053-NSB-C  | 09FC-RY053-NSB-C-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 30500  | mg/kg |
| RY053-NSB-C  | 09FC-RY053-NSB-C-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 2940   | mg/kg |
| RY053-NSB-C  | 09FC-RY053-NSB-C-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 3640   | mg/kg |
| RY053-NSB-C  | 09FC-RY053-NSB-C-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | MANGANESE     | 1.5                 | Y           | J-            | J-           |           | 1.5                 | mg/kg | 1930   | mg/kg |
| RY053-NSB-C  | 09FC-RY053-NSB-C-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 10.8   | mg/kg |
| RY053-NSB-C  | 09FC-RY053-NSB-C-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | POTASSIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 848    | mg/kg |
| RY053-NSB-C  | 09FC-RY053-NSB-C-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | SILVER        | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 23     | mg/kg |
| RY053-NSB-C  | 09FC-RY053-NSB-C-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | SODIUM        | 500                 | Y           | U             | U            | J         | 500                 | mg/kg | 500    | mg/kg |
| RY053-NSB-C  | 09FC-RY053-NSB-C-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.5    | mg/kg |
| RY053-NSB-C  | 09FC-RY053-NSB-C-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ANTIMONY      | 6                   | Y           |               |              |           | 6                   | mg/kg | 445    | mg/kg |
| RY053-NSB-C  | 09FC-RY053-NSB-C-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 520    | mg/kg |
| RY053-NSB-C  | 09FC-RY053-NSB-C-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | BARIUM        | 20                  | Y           | J-            | J-           |           | 20                  | mg/kg | 68.9   | mg/kg |
| RY053-NSB-C  | 09FC-RY053-NSB-C-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | BERYLLIUM     | 0.5                 | Y           | U             | U            | J         | 0.5                 | mg/kg | 0.5    | mg/kg |
| RY053-NSB-C  | 09FC-RY053-NSB-C-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 19     | mg/kg |
| RY053-NSB-C  | 09FC-RY053-NSB-C-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | CHROMIUM      | 1                   | Y           | J-            | J-           |           | 1                   | mg/kg | 4.7    | mg/kg |
| RY053-NSB-C  | 09FC-RY053-NSB-C-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 5.7    | mg/kg |
| RY053-NSB-C  | 09FC-RY053-NSB-C-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | COPPER        | 2.5                 | Y           | J             | J            |           | 2.5                 | mg/kg | 23.5   | mg/kg |
| RY053-NSB-C  | 09FC-RY053-NSB-C-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 7.6    | mg/kg |
| RY053-NSB-C  | 09FC-RY053-NSB-C-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 2780   | mg/kg |
| RY053-NSB-C  | 09FC-RY053-NSB-C-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 15700  | mg/kg |
| RY053-NSB-C  | 09FC-RY053-NSB-C-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.4    | mg/kg |
| RY053-NSS-C  | 09FC-RY053-NSS-C-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ALUMINUM      | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 3780   | mg/kg |
| RY053-NSS-C  | 09FC-RY053-NSS-C-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 13400  | mg/kg |
| RY053-NSS-C  | 09FC-RY053-NSS-C-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 455    | mg/kg |
| RY053-NSS-C  | 09FC-RY053-NSS-C-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 4750   | mg/kg |
| RY053-NSS-C  | 09FC-RY053-NSS-C-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | MANGANESE     | 1.5                 | Y           | J-            | J-           |           | 1.5                 | mg/kg | 617    | mg/kg |
| RY053-NSS-C  | 09FC-RY053-NSS-C-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 7.2    | mg/kg |
| RY053-NSS-C  | 09FC-RY053-NSS-C-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | POTASSIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 675    | mg/kg |
| RY053-NSS-C  | 09FC-RY053-NSS-C-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | SILVER        | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 3.3    | mg/kg |
| RY053-NSS-C  | 09FC-RY053-NSS-C-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | SODIUM        | 500                 | Y           | U             | U            |           | 500                 | mg/kg | 500    | mg/kg |
| RY053-NSS-C  | 09FC-RY053-NSS-C-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 1.8    | mg/kg |
| RY053-NSS-C  | 09FC-RY053-NSS-C-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ANTIMONY      | 6                   | Y           |               |              |           | 6                   | mg/kg | 59.4   | mg/kg |
| RY053-NSS-C  | 09FC-RY053-NSS-C-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 160    | mg/kg |
| RY053-NSS-C  | 09FC-RY053-NSS-C-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | BARIUM        | 20                  | Y           | J-            | J-           |           | 20                  | mg/kg | 73     | mg/kg |
| RY053-NSS-C  | 09FC-RY053-NSS-C-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | BERYLLIUM     | 0.5                 | Y           | U             | U            | J         | 0.5                 | mg/kg | 0.5    | mg/kg |
| RY053-NSS-C  | 09FC-RY053-NSS-C-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 3      | mg/kg |
| RY053-NSS-C  | 09FC-RY053-NSS-C-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | CHROMIUM      | 1                   | Y           | J-            | J-           |           | 1                   | mg/kg | 6.7    | mg/kg |
| RY423-C      | 10FC-RY423-C-000002     | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | ANTIMONY      | 4.0                 | Y           | J-            | J-           | J         | 4.0                 | mg/kg | 1.2    | mg/kg |
| RY423-C      | 10FC-RY423-C-000002     | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | ARSENIC       | 0.67                | Y           | J-            | J-           |           | 0.67                | mg/kg | 4.1    | mg/kg |
| RY423-C      | 10FC-RY423-C-000002     | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | BARIUM        | 13.5                | Y           |               |              |           | 13.5                | mg/kg | 100    | mg/kg |
| RY423-C      | 10FC-RY423-C-000002     | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | BERYLLIUM     | 0.34                | Y           | J-            | J-           |           | 0.34                | mg/kg | 0.37   | mg/kg |
| RY423-C      | 10FC-RY423-C-000002     | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | CADMIUM       | 0.34                | Y           | J             | J            | J         | 0.34                | mg/kg | 0.15   | mg/kg |
| RY423-C      | 10FC-RY423-C-000002     | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | CHROMIUM      | 0.67                | Y           |               |              |           | 0.67                | mg/kg | 7.7    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                         |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY423-C      | 10FC-RY423-C-000002     | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | COBALT        | 3.4           | Y           |               |              |           | 3.4           | mg/kg | 4.9    | mg/kg |
| RY423-C      | 10FC-RY423-C-000002     | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | COPPER        | 1.7           | Y           |               |              |           | 1.7           | mg/kg | 10.9   | mg/kg |
| RY423-C      | 10FC-RY423-C-000002     | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | VANADIUM      | 3.4           | Y           |               |              |           | 3.4           | mg/kg | 13.5   | mg/kg |
| RY423-C      | 10FC-RY423-C-000002     | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | ZINC          | 4.0           | Y           | J-            | J-           |           | 4.0           | mg/kg | 234    | mg/kg |
| RY423-C      | 10FC-RY423-C-000002     | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | CALCIUM       | 337           | Y           |               |              |           | 337           | mg/kg | 3100   | mg/kg |
| RY423-C      | 10FC-RY423-C-000002     | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | SELENIUM      | 2.4           | N           | UJ            | UJ           | U         | 2.4           | mg/kg | 2.4    | mg/kg |
| RY433-B      | 10FC-RY433-B-006012     | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | ALUMINUM      | 11.4          | Y           |               |              |           | 11.4          | mg/kg | 3930   | mg/kg |
| RY433-B      | 10FC-RY433-B-006012     | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | IRON          | 5.7           | Y           |               |              |           | 5.7           | mg/kg | 10400  | mg/kg |
| RY433-B      | 10FC-RY433-B-006012     | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | LEAD          | 0.57          | Y           | J             | J            |           | 0.57          | mg/kg | 197    | mg/kg |
| RY433-B      | 10FC-RY433-B-006012     | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | MAGNESIUM     | 286           | Y           |               |              |           | 286           | mg/kg | 3250   | mg/kg |
| RY433-B      | 10FC-RY433-B-006012     | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | MANGANESE     | 0.86          | Y           |               |              |           | 0.86          | mg/kg | 299    | mg/kg |
| RY433-B      | 10FC-RY433-B-006012     | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | NICKEL        | 2.3           | Y           |               |              |           | 2.3           | mg/kg | 6.2    | mg/kg |
| RY433-B      | 10FC-RY433-B-006012     | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | POTASSIUM     | 286           | Y           |               |              |           | 286           | mg/kg | 836    | mg/kg |
| RY433-B      | 10FC-RY433-B-006012     | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | SILVER        | 0.57          | N           | UJ            | UJ           | U         | 0.57          | mg/kg | 0.57   | mg/kg |
| RY433-B      | 10FC-RY433-B-006012     | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | SODIUM        | 286           | Y           | J             |              | J         | 286           | mg/kg | 175    | mg/kg |
| RY433-B      | 10FC-RY433-B-006012     | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | THALLIUM      | 1.4           | N           | UJ            | UJ           | U         | 1.4           | mg/kg | 1.4    | mg/kg |
| RY433-B      | 10FC-RY433-B-006012     | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | ANTIMONY      | 3.4           | Y           | J-            | J-           |           | 3.4           | mg/kg | 20.7   | mg/kg |
| RY433-B      | 10FC-RY433-B-006012     | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | ARSENIC       | 0.57          | Y           | J-            | J-           |           | 0.57          | mg/kg | 14.7   | mg/kg |
| RY433-B      | 10FC-RY433-B-006012     | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | BARIUM        | 11.4          | Y           |               |              |           | 11.4          | mg/kg | 66.5   | mg/kg |
| RY433-B      | 10FC-RY433-B-006012     | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | BERYLLIUM     | 0.29          | Y           | J-            | J-           |           | 0.29          | mg/kg | 0.29   | mg/kg |
| RY433-B      | 10FC-RY433-B-006012     | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | CADMIUM       | 0.29          | Y           | J             | J            |           | 0.29          | mg/kg | 0.61   | mg/kg |
| RY433-B      | 10FC-RY433-B-006012     | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | CHROMIUM      | 0.57          | Y           |               |              |           | 0.57          | mg/kg | 5.6    | mg/kg |
| RY433-B      | 10FC-RY433-B-006012     | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | COBALT        | 2.9           | Y           |               |              |           | 2.9           | mg/kg | 3.4    | mg/kg |
| RY433-B      | 10FC-RY433-B-006012     | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | COPPER        | 1.4           | Y           |               |              |           | 1.4           | mg/kg | 13.3   | mg/kg |
| RY433-B      | 10FC-RY433-B-006012     | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | VANADIUM      | 2.9           | Y           |               |              |           | 2.9           | mg/kg | 7.4    | mg/kg |
| RY433-B      | 10FC-RY433-B-006012     | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | ZINC          | 3.4           | Y           | J-            | J-           |           | 3.4           | mg/kg | 167    | mg/kg |
| RY433-B      | 10FC-RY433-B-006012     | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | CALCIUM       | 286           | Y           |               |              |           | 286           | mg/kg | 6850   | mg/kg |
| RY433-B      | 10FC-RY433-B-006012     | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | SELENIUM      | 2.0           | N           | UJ            | UJ           | U         | 2.0           | mg/kg | 2      | mg/kg |
| RY480-G      | 10FC-RY480-G-000002     | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | ALUMINUM      | 12.2          | Y           |               |              |           | 12.2          | mg/kg | 3140   | mg/kg |
| RY480-G      | 10FC-RY480-G-000002     | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | IRON          | 6.1           | Y           |               |              |           | 6.1           | mg/kg | 8280   | mg/kg |
| RY480-G      | 10FC-RY480-G-000002     | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | LEAD          | 0.61          | Y           | J             | J            |           | 0.61          | mg/kg | 128    | mg/kg |
| RY480-G      | 10FC-RY480-G-000002     | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | MAGNESIUM     | 306           | Y           |               |              |           | 306           | mg/kg | 3950   | mg/kg |
| RY480-G      | 10FC-RY480-G-000002     | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | MANGANESE     | 0.92          | Y           |               |              |           | 0.92          | mg/kg | 233    | mg/kg |
| RY480-G      | 10FC-RY480-G-000002     | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | NICKEL        | 2.4           | Y           |               |              |           | 2.4           | mg/kg | 6.6    | mg/kg |
| RY480-G      | 10FC-RY480-G-000002     | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | POTASSIUM     | 306           | Y           |               |              |           | 306           | mg/kg | 701    | mg/kg |
| RY480-G      | 10FC-RY480-G-000002     | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | SILVER        | 0.61          | N           | UJ            | UJ           | U         | 0.61          | mg/kg | 0.61   | mg/kg |
| RY480-G      | 10FC-RY480-G-000002     | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | SODIUM        | 306           | Y           | J             |              | J         | 306           | mg/kg | 208    | mg/kg |
| RY480-G      | 10FC-RY480-G-000002     | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | THALLIUM      | 1.5           | N           | UJ            | UJ           | U         | 1.5           | mg/kg | 1.5    | mg/kg |
| RY053-NSS-C  | 09FC-RY053-NSS-C-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | COBALT        | 5             | Y           |               |              |           | 5             | mg/kg | 3.8    | mg/kg |
| RY053-NSS-C  | 09FC-RY053-NSS-C-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | COPPER        | 2.5           | Y           | J             | J            |           | 2.5           | mg/kg | 18.4   | mg/kg |
| RY053-NSS-C  | 09FC-RY053-NSS-C-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | VANADIUM      | 5             | Y           |               |              |           | 5             | mg/kg | 5.9    | mg/kg |
| RY053-NSS-C  | 09FC-RY053-NSS-C-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ZINC          | 6             | Y           | J             | J            |           | 6             | mg/kg | 421    | mg/kg |
| RY053-NSS-C  | 09FC-RY053-NSS-C-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | CALCIUM       | 500           | Y           | J             | J            |           | 500           | mg/kg | 9140   | mg/kg |
| RY053-NSS-C  | 09FC-RY053-NSS-C-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | SELENIUM      | 3.5           | N           | U             |              | U         | 3.5           | mg/kg | 2.5    | mg/kg |
| RY054-NSB-B  | 09FC-RY054-NSB-B-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ALUMINUM      | 20            | Y           | J             | J            |           | 20            | mg/kg | 5320   | mg/kg |
| RY054-NSB-B  | 09FC-RY054-NSB-B-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | IRON          | 10            | Y           | J             | J            |           | 10            | mg/kg | 9230   | mg/kg |
| RY054-NSB-B  | 09FC-RY054-NSB-B-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | LEAD          | 1             | Y           | J             | J            |           | 1             | mg/kg | 38.7   | mg/kg |
| RY054-NSB-B  | 09FC-RY054-NSB-B-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500           | mg/kg | 2850   | mg/kg |

## Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                         |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY054-NSB-B  | 09FC-RY054-NSB-B-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | MANGANESE     | 1.5           | Y           | J-            | J-           |           | 1.5                 | mg/kg | 262    | mg/kg |
| RY054-NSB-B  | 09FC-RY054-NSB-B-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | NICKEL        | 4             | Y           |               |              |           | 4                   | mg/kg | 6.8    | mg/kg |
| RY054-NSB-B  | 09FC-RY054-NSB-B-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | POTASSIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 989    | mg/kg |
| RY054-NSB-B  | 09FC-RY054-NSB-B-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | SILVER        | 1             | Y           | J+            | J+           | J         | 1                   | mg/kg | 0.19   | mg/kg |
| RY054-NSB-B  | 09FC-RY054-NSB-B-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | SODIUM        | 500           | Y           | U             | U            | J         | 500                 | mg/kg | 500    | mg/kg |
| RY054-NSB-B  | 09FC-RY054-NSB-B-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.2    | mg/kg |
| RY054-NSB-B  | 09FC-RY054-NSB-B-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ANTIMONY      | 6             | Y           | U             | U            | J         | 6                   | mg/kg | 6      | mg/kg |
| RY054-NSB-B  | 09FC-RY054-NSB-B-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ARSENIC       | 1             | Y           | J             | J            |           | 1                   | mg/kg | 6.8    | mg/kg |
| RY054-NSB-B  | 09FC-RY054-NSB-B-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | BARIUM        | 20            | Y           | J-            | J-           |           | 20                  | mg/kg | 84     | mg/kg |
| RY054-NSB-B  | 09FC-RY054-NSB-B-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | BERYLLIUM     | 0.5           | Y           | U             | U            | J         | 0.5                 | mg/kg | 0.5    | mg/kg |
| RY054-NSB-B  | 09FC-RY054-NSB-B-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | CADMIUM       | 0.5           | Y           | U             | U            |           | 0.5                 | mg/kg | 0.5    | mg/kg |
| RY054-NSB-B  | 09FC-RY054-NSB-B-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | CHROMIUM      | 1             | Y           | J-            | J-           |           | 1                   | mg/kg | 5.7    | mg/kg |
| RY054-NSB-B  | 09FC-RY054-NSB-B-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | COBALT        | 5             | Y           | J             |              | J         | 5                   | mg/kg | 4.1    | mg/kg |
| RY054-NSB-B  | 09FC-RY054-NSB-B-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | COPPER        | 2.5           | Y           | J             | J            |           | 2.5                 | mg/kg | 12.7   | mg/kg |
| RY054-NSB-B  | 09FC-RY054-NSB-B-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | VANADIUM      | 5             | Y           |               |              |           | 5                   | mg/kg | 9.3    | mg/kg |
| RY054-NSB-B  | 09FC-RY054-NSB-B-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ZINC          | 6             | Y           | J             | J            |           | 6                   | mg/kg | 59.3   | mg/kg |
| RY054-NSB-B  | 09FC-RY054-NSB-B-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | CALCIUM       | 500           | Y           | J             | J            |           | 500                 | mg/kg | 2670   | mg/kg |
| RY054-NSB-B  | 09FC-RY054-NSB-B-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | SELENIUM      | 3.5           | N           | U             |              | U         | 3.5                 | mg/kg | 3      | mg/kg |
| RY058-NSS-C  | 09FC-RY058-NSS-C-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ALUMINUM      | 20            | Y           | J             | J            |           | 20                  | mg/kg | 4600   | mg/kg |
| RY058-NSS-C  | 09FC-RY058-NSS-C-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | IRON          | 10            | Y           | J             | J            |           | 10                  | mg/kg | 8970   | mg/kg |
| RY058-NSS-C  | 09FC-RY058-NSS-C-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | LEAD          | 1             | Y           | J             | J            |           | 1                   | mg/kg | 46.4   | mg/kg |
| RY058-NSS-C  | 09FC-RY058-NSS-C-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 2680   | mg/kg |
| RY058-NSS-C  | 09FC-RY058-NSS-C-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | MANGANESE     | 1.5           | Y           | J-            | J-           |           | 1.5                 | mg/kg | 219    | mg/kg |
| RY058-NSS-C  | 09FC-RY058-NSS-C-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | NICKEL        | 4             | Y           |               |              |           | 4                   | mg/kg | 6      | mg/kg |
| RY058-NSS-C  | 09FC-RY058-NSS-C-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | POTASSIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 975    | mg/kg |
| RY058-NSS-C  | 09FC-RY058-NSS-C-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | SILVER        | 1             | N           | UJ            | UJ           | U         | 1                   | mg/kg | 0.85   | mg/kg |
| RY058-NSS-C  | 09FC-RY058-NSS-C-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | SODIUM        | 500           | Y           | U             | U            | J         | 500                 | mg/kg | 500    | mg/kg |
| RY058-NSS-C  | 09FC-RY058-NSS-C-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.1    | mg/kg |
| RY058-NSS-C  | 09FC-RY058-NSS-C-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ANTIMONY      | 6             | Y           | U             | U            | J         | 6                   | mg/kg | 6      | mg/kg |
| RY058-NSS-C  | 09FC-RY058-NSS-C-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ARSENIC       | 1             | Y           | J             | J            |           | 1                   | mg/kg | 2.9    | mg/kg |
| RY058-NSS-C  | 09FC-RY058-NSS-C-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | BARIUM        | 20            | Y           | J-            | J-           |           | 20                  | mg/kg | 77.1   | mg/kg |
| RY058-NSS-C  | 09FC-RY058-NSS-C-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | BERYLLIUM     | 0.5           | Y           | U             | U            | J         | 0.5                 | mg/kg | 0.5    | mg/kg |
| RY058-NSS-C  | 09FC-RY058-NSS-C-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | CADMIUM       | 0.5           | Y           | U             | U            | J         | 0.5                 | mg/kg | 0.5    | mg/kg |
| RY058-NSS-C  | 09FC-RY058-NSS-C-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | CHROMIUM      | 1             | Y           | J-            | J-           |           | 1                   | mg/kg | 11.1   | mg/kg |
| RY058-NSS-C  | 09FC-RY058-NSS-C-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | COBALT        | 5             | Y           |               |              |           | 5                   | mg/kg | 6.6    | mg/kg |
| RY058-NSS-C  | 09FC-RY058-NSS-C-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | COPPER        | 2.5           | Y           | J             | J            |           | 2.5                 | mg/kg | 9.5    | mg/kg |
| RY058-NSS-C  | 09FC-RY058-NSS-C-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | VANADIUM      | 5             | Y           |               |              |           | 5                   | mg/kg | 9.7    | mg/kg |
| RY058-NSS-C  | 09FC-RY058-NSS-C-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ZINC          | 6             | Y           | J             | J            |           | 6                   | mg/kg | 38     | mg/kg |
| RY058-NSS-C  | 09FC-RY058-NSS-C-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | CALCIUM       | 500           | Y           | J             | J            |           | 500                 | mg/kg | 2890   | mg/kg |
| RY058-NSS-C  | 09FC-RY058-NSS-C-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | SELENIUM      | 3.5           | N           | U             |              | U         | 3.5                 | mg/kg | 3      | mg/kg |
| RY058-NSS-D  | 09FC-RY058-NSS-D-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ALUMINUM      | 20            | Y           | J             | J            |           | 20                  | mg/kg | 3260   | mg/kg |
| RY058-NSS-D  | 09FC-RY058-NSS-D-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | IRON          | 10            | Y           | J             | J            |           | 10                  | mg/kg | 14400  | mg/kg |
| RY058-NSS-D  | 09FC-RY058-NSS-D-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | LEAD          | 1             | Y           | J             | J            |           | 1                   | mg/kg | 177    | mg/kg |
| RY058-NSS-D  | 09FC-RY058-NSS-D-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 4390   | mg/kg |
| RY058-NSS-D  | 09FC-RY058-NSS-D-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | MANGANESE     | 1.5           | Y           | J-            | J-           |           | 1.5                 | mg/kg | 273    | mg/kg |
| RY058-NSS-D  | 09FC-RY058-NSS-D-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | NICKEL        | 4             | Y           |               |              |           | 4                   | mg/kg | 10.7   | mg/kg |
| RY058-NSS-D  | 09FC-RY058-NSS-D-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | POTASSIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 1080   | mg/kg |
| RY058-NSS-D  | 09FC-RY058-NSS-D-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | SILVER        | 1             | N           | UJ            | UJ           | U         | 1                   | mg/kg | 0.92   | mg/kg |



Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY058-NSS-D  | 09FC-RY058-NSS-D-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | SODIUM        | 500                 | Y           | U             | U            | J         | 500                 | mg/kg | 500    | mg/kg |
| RY058-NSS-D  | 09FC-RY058-NSS-D-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.3    | mg/kg |
| RY058-NSS-D  | 09FC-RY058-NSS-D-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ANTIMONY      | 6                   | Y           | U             |              | J         | 6                   | mg/kg | 6      | mg/kg |
| RY058-NSS-D  | 09FC-RY058-NSS-D-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 22.4   | mg/kg |
| RY058-NSS-D  | 09FC-RY058-NSS-D-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | BARIUM        | 20                  | Y           | J-            | J-           |           | 20                  | mg/kg | 58.8   | mg/kg |
| RY058-NSS-D  | 09FC-RY058-NSS-D-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | BERYLLIUM     | 0.5                 | Y           | U             | U            | J         | 0.5                 | mg/kg | 0.5    | mg/kg |
| RY058-NSS-D  | 09FC-RY058-NSS-D-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 0.91   | mg/kg |
| RY058-NSS-D  | 09FC-RY058-NSS-D-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | CHROMIUM      | 1                   | Y           | J-            | J-           |           | 1                   | mg/kg | 9.6    | mg/kg |
| RY058-NSS-D  | 09FC-RY058-NSS-D-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 6      | mg/kg |
| RY058-NSS-D  | 09FC-RY058-NSS-D-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | COPPER        | 2.5                 | Y           | J             | J            |           | 2.5                 | mg/kg | 46.3   | mg/kg |
| RY058-NSS-D  | 09FC-RY058-NSS-D-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 5.7    | mg/kg |
| RY058-NSS-D  | 09FC-RY058-NSS-D-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 69.9   | mg/kg |
| RY058-NSS-D  | 09FC-RY058-NSS-D-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 30300  | mg/kg |
| RY058-NSS-D  | 09FC-RY058-NSS-D-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.2    | mg/kg |
| RY060-NSS-C  | 09FC-RY060-NSS-C-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ALUMINUM      | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 6000   | mg/kg |
| RY060-NSS-C  | 09FC-RY060-NSS-C-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 10000  | mg/kg |
| RY060-NSS-C  | 09FC-RY060-NSS-C-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 59.4   | mg/kg |
| RY060-NSS-C  | 09FC-RY060-NSS-C-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 3220   | mg/kg |
| RY060-NSS-C  | 09FC-RY060-NSS-C-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | MANGANESE     | 1.5                 | Y           | J-            | J-           |           | 1.5                 | mg/kg | 385    | mg/kg |
| RY060-NSS-C  | 09FC-RY060-NSS-C-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 7.4    | mg/kg |
| RY060-NSS-C  | 09FC-RY060-NSS-C-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | POTASSIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 1600   | mg/kg |
| RY060-NSS-C  | 09FC-RY060-NSS-C-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | SILVER        | 1                   | N           | UJ            | UJ           | U         | 1                   | mg/kg | 0.99   | mg/kg |
| RY060-NSS-C  | 09FC-RY060-NSS-C-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | SODIUM        | 500                 | Y           | U             | U            | J         | 500                 | mg/kg | 500    | mg/kg |
| RY060-NSS-C  | 09FC-RY060-NSS-C-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.5    | mg/kg |
| RY060-NSS-C  | 09FC-RY060-NSS-C-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ANTIMONY      | 6                   | Y           | U             | U            | J         | 6                   | mg/kg | 6      | mg/kg |
| RY060-NSS-C  | 09FC-RY060-NSS-C-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 3.5    | mg/kg |
| RY060-NSS-C  | 09FC-RY060-NSS-C-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | BARIUM        | 20                  | Y           | J-            | J-           |           | 20                  | mg/kg | 120    | mg/kg |
| RY060-NSS-C  | 09FC-RY060-NSS-C-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | BERYLLIUM     | 0.5                 | Y           | U             | U            | J         | 0.5                 | mg/kg | 0.5    | mg/kg |
| RY060-NSS-C  | 09FC-RY060-NSS-C-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 0.57   | mg/kg |
| RY060-NSS-C  | 09FC-RY060-NSS-C-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | CHROMIUM      | 1                   | Y           | J-            | J-           |           | 1                   | mg/kg | 7.3    | mg/kg |
| RY060-NSS-C  | 09FC-RY060-NSS-C-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.7    | mg/kg |
| RY060-NSS-C  | 09FC-RY060-NSS-C-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | COPPER        | 2.5                 | Y           | J             | J            |           | 2.5                 | mg/kg | 12.8   | mg/kg |
| RY060-NSS-C  | 09FC-RY060-NSS-C-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 10.9   | mg/kg |
| RY060-NSS-C  | 09FC-RY060-NSS-C-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 83.5   | mg/kg |
| RY060-NSS-C  | 09FC-RY060-NSS-C-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 3420   | mg/kg |
| RY060-NSS-C  | 09FC-RY060-NSS-C-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.36   | mg/kg |
| RY061-NSB-E  | 09FC-RY061-NSB-E-002006 | 8/12/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | ALUMINUM      | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 4900   | mg/kg |
| RY061-NSB-E  | 09FC-RY061-NSB-E-002006 | 8/12/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 9670   | mg/kg |
| RY061-NSB-E  | 09FC-RY061-NSB-E-002006 | 8/12/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 187    | mg/kg |
| RY061-NSB-E  | 09FC-RY061-NSB-E-002006 | 8/12/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 3810   | mg/kg |
| RY061-NSB-E  | 09FC-RY061-NSB-E-002006 | 8/12/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | MANGANESE     | 1.5                 | Y           | J-            | J-           |           | 1.5                 | mg/kg | 273    | mg/kg |
| RY061-NSB-E  | 09FC-RY061-NSB-E-002006 | 8/12/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 7.5    | mg/kg |
| RY061-NSB-E  | 09FC-RY061-NSB-E-002006 | 8/12/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | POTASSIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 1410   | mg/kg |
| RY061-NSB-E  | 09FC-RY061-NSB-E-002006 | 8/12/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | SILVER        | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 1.2    | mg/kg |
| RY061-NSB-E  | 09FC-RY061-NSB-E-002006 | 8/12/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | SODIUM        | 500                 | Y           | U             | U            | J         | 500                 | mg/kg | 500    | mg/kg |
| RY061-NSB-E  | 09FC-RY061-NSB-E-002006 | 8/12/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY061-NSB-E  | 09FC-RY061-NSB-E-002006 | 8/12/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | ANTIMONY      | 6                   | Y           |               |              |           | 6                   | mg/kg | 23.2   | mg/kg |
| RY061-NSB-E  | 09FC-RY061-NSB-E-002006 | 8/12/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 20.1   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                         |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY061-NSB-E  | 09FC-RY061-NSB-E-002006 | 8/12/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | BARIUM        | 20            | Y           | J-            | J-           |           | 20                  | mg/kg | 84.4   | mg/kg |
| RY061-NSB-E  | 09FC-RY061-NSB-E-002006 | 8/12/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | BERYLLIUM     | 0.5           | Y           | U             | U            | J         | 0.5                 | mg/kg | 0.5    | mg/kg |
| RY061-NSB-E  | 09FC-RY061-NSB-E-002006 | 8/12/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | CADMIUM       | 0.5           | Y           |               |              |           | 0.5                 | mg/kg | 3.9    | mg/kg |
| RY061-NSB-E  | 09FC-RY061-NSB-E-002006 | 8/12/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | CHROMIUM      | 1             | Y           | J-            | J-           |           | 1                   | mg/kg | 6.2    | mg/kg |
| RY061-NSB-E  | 09FC-RY061-NSB-E-002006 | 8/12/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | COBALT        | 5             | Y           | J             |              | J         | 5                   | mg/kg | 4.3    | mg/kg |
| RY061-NSB-E  | 09FC-RY061-NSB-E-002006 | 8/12/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | COPPER        | 2.5           | Y           | J             | J            |           | 2.5                 | mg/kg | 12.1   | mg/kg |
| RY061-NSB-E  | 09FC-RY061-NSB-E-002006 | 8/12/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | VANADIUM      | 5             | Y           |               |              |           | 5                   | mg/kg | 8.2    | mg/kg |
| RY061-NSB-E  | 09FC-RY061-NSB-E-002006 | 8/12/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | ZINC          | 6             | Y           | J             | J            |           | 6                   | mg/kg | 772    | mg/kg |
| RY061-NSB-E  | 09FC-RY061-NSB-E-002006 | 8/12/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | CALCIUM       | 500           | Y           | J             | J            |           | 500                 | mg/kg | 9620   | mg/kg |
| RY061-NSB-E  | 09FC-RY061-NSB-E-002006 | 8/12/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | SELENIUM      | 3.5           | N           | U             |              | U         | 3.5                 | mg/kg | 3.7    | mg/kg |
| RY061-NSB-E  | 09FC-RY061-NSB-E-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ALUMINUM      | 20            | Y           | J             | J            |           | 20                  | mg/kg | 5250   | mg/kg |
| RY061-NSB-E  | 09FC-RY061-NSB-E-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | IRON          | 10            | Y           | J             | J            |           | 10                  | mg/kg | 13400  | mg/kg |
| RY061-NSB-E  | 09FC-RY061-NSB-E-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | LEAD          | 1             | Y           | J             | J            |           | 1                   | mg/kg | 1030   | mg/kg |
| RY061-NSB-E  | 09FC-RY061-NSB-E-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 3990   | mg/kg |
| RY061-NSB-E  | 09FC-RY061-NSB-E-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | MANGANESE     | 1.5           | Y           | J-            | J-           |           | 1.5                 | mg/kg | 479    | mg/kg |
| RY061-NSB-E  | 09FC-RY061-NSB-E-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | NICKEL        | 4             | Y           |               |              |           | 4                   | mg/kg | 7.6    | mg/kg |
| RY061-NSB-E  | 09FC-RY061-NSB-E-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | POTASSIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 1230   | mg/kg |
| RY061-NSB-E  | 09FC-RY061-NSB-E-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | SILVER        | 1             | Y           | J+            | J+           |           | 1                   | mg/kg | 7.7    | mg/kg |
| RY061-NSB-E  | 09FC-RY061-NSB-E-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | SODIUM        | 500           | Y           | U             | U            | J         | 500                 | mg/kg | 500    | mg/kg |
| RY061-NSB-E  | 09FC-RY061-NSB-E-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2      | mg/kg |
| RY061-NSB-E  | 09FC-RY061-NSB-E-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ANTIMONY      | 6             | Y           |               |              |           | 6                   | mg/kg | 104    | mg/kg |
| RY061-NSB-E  | 09FC-RY061-NSB-E-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ARSENIC       | 1             | Y           | J             | J            |           | 1                   | mg/kg | 137    | mg/kg |
| RY061-NSB-E  | 09FC-RY061-NSB-E-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | BARIUM        | 20            | Y           | J-            | J-           |           | 20                  | mg/kg | 116    | mg/kg |
| RY061-NSB-E  | 09FC-RY061-NSB-E-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | BERYLLIUM     | 0.5           | Y           | U             | U            | J         | 0.5                 | mg/kg | 0.5    | mg/kg |
| RY061-NSB-E  | 09FC-RY061-NSB-E-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | CADMIUM       | 0.5           | Y           |               |              |           | 0.5                 | mg/kg | 4      | mg/kg |
| RY061-NSB-E  | 09FC-RY061-NSB-E-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | CHROMIUM      | 1             | Y           | J             | J            |           | 1                   | mg/kg | 6.6    | mg/kg |
| RY061-NSB-E  | 09FC-RY061-NSB-E-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | COBALT        | 5             | Y           |               |              |           | 5                   | mg/kg | 4.8    | mg/kg |
| RY061-NSB-E  | 09FC-RY061-NSB-E-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | COPPER        | 2.5           | Y           | J             | J            |           | 2.5                 | mg/kg | 15.7   | mg/kg |
| RY061-NSB-E  | 09FC-RY061-NSB-E-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | VANADIUM      | 5             | Y           |               |              |           | 5                   | mg/kg | 10.4   | mg/kg |
| RY061-NSB-E  | 09FC-RY061-NSB-E-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ZINC          | 6             | Y           | J             | J            |           | 6                   | mg/kg | 606    | mg/kg |
| RY061-NSB-E  | 09FC-RY061-NSB-E-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | CALCIUM       | 500           | Y           | J             | J            |           | 500                 | mg/kg | 8460   | mg/kg |
| RY061-NSB-E  | 09FC-RY061-NSB-E-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | SELENIUM      | 3.5           | N           | U             |              | U         | 3.5                 | mg/kg | 2.8    | mg/kg |
| RY061-NSB-F  | 09FC-RY061-NSB-F-002006 | 8/12/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | ALUMINUM      | 20            | Y           | J             | J            |           | 20                  | mg/kg | 5710   | mg/kg |
| RY061-NSB-F  | 09FC-RY061-NSB-F-002006 | 8/12/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | IRON          | 10            | Y           | J             | J            |           | 10                  | mg/kg | 9000   | mg/kg |
| RY061-NSB-F  | 09FC-RY061-NSB-F-002006 | 8/12/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | LEAD          | 1             | Y           | J             | J            |           | 1                   | mg/kg | 136    | mg/kg |
| RY061-NSB-F  | 09FC-RY061-NSB-F-002006 | 8/12/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 2590   | mg/kg |
| RY061-NSB-F  | 09FC-RY061-NSB-F-002006 | 8/12/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | MANGANESE     | 1.5           | Y           | J-            | J-           |           | 1.5                 | mg/kg | 383    | mg/kg |
| RY061-NSB-F  | 09FC-RY061-NSB-F-002006 | 8/12/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | NICKEL        | 4             | Y           |               |              |           | 4                   | mg/kg | 6.5    | mg/kg |
| RY061-NSB-F  | 09FC-RY061-NSB-F-002006 | 8/12/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | POTASSIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 1510   | mg/kg |
| RY061-NSB-F  | 09FC-RY061-NSB-F-002006 | 8/12/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | SILVER        | 1             | Y           | J+            | J+           | J         | 1                   | mg/kg | 0.95   | mg/kg |
| RY061-NSB-F  | 09FC-RY061-NSB-F-002006 | 8/12/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | SODIUM        | 500           | Y           | U             | U            | J         | 500                 | mg/kg | 500    | mg/kg |
| RY061-NSB-F  | 09FC-RY061-NSB-F-002006 | 8/12/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.7    | mg/kg |
| RY061-NSB-F  | 09FC-RY061-NSB-F-002006 | 8/12/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | ANTIMONY      | 6             | Y           | U             | U            | J         | 6                   | mg/kg | 6      | mg/kg |
| RY061-NSB-F  | 09FC-RY061-NSB-F-002006 | 8/12/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | ARSENIC       | 1             | Y           | J             | J            |           | 1                   | mg/kg | 10.5   | mg/kg |
| RY061-NSB-F  | 09FC-RY061-NSB-F-002006 | 8/12/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | BARIUM        | 20            | Y           | J-            | J-           |           | 20                  | mg/kg | 182    | mg/kg |
| RY061-NSB-F  | 09FC-RY061-NSB-F-002006 | 8/12/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | BERYLLIUM     | 0.5           | Y           | U             | U            | J         | 0.5                 | mg/kg | 0.5    | mg/kg |
| RY061-NSB-F  | 09FC-RY061-NSB-F-002006 | 8/12/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | CADMIUM       | 0.5           | Y           |               |              |           | 0.5                 | mg/kg | 1      | mg/kg |
| RY061-NSB-F  | 09FC-RY061-NSB-F-002006 | 8/12/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | CHROMIUM      | 1             | Y           | J             | J            |           | 1                   | mg/kg | 8.3    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                         |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY061-NSB-F  | 09FC-RY061-NSB-F-002006 | 8/12/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | COBALT        | 5             | Y           | J             |              | J         | 5                   | mg/kg | 4      | mg/kg |
| RY061-NSB-F  | 09FC-RY061-NSB-F-002006 | 8/12/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | COPPER        | 2.5           | Y           | J             | J            |           | 2.5                 | mg/kg | 45.6   | mg/kg |
| RY061-NSB-F  | 09FC-RY061-NSB-F-002006 | 8/12/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | VANADIUM      | 5             | Y           |               |              |           | 5                   | mg/kg | 10.9   | mg/kg |
| RY061-NSB-F  | 09FC-RY061-NSB-F-002006 | 8/12/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | ZINC          | 6             | Y           | J             | J            |           | 6                   | mg/kg | 379    | mg/kg |
| RY061-NSB-F  | 09FC-RY061-NSB-F-002006 | 8/12/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | CALCIUM       | 500           | Y           | J             | J            |           | 500                 | mg/kg | 5850   | mg/kg |
| RY061-NSB-F  | 09FC-RY061-NSB-F-002006 | 8/12/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | SELENIUM      | 3.5           | N           | U             |              | U         | 3.5                 | mg/kg | 3.7    | mg/kg |
| RY061-NSB-F  | 09FC-RY061-NSB-F-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ALUMINUM      | 20            | Y           | J             | J            |           | 20                  | mg/kg | 5920   | mg/kg |
| RY061-NSB-F  | 09FC-RY061-NSB-F-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | IRON          | 10            | Y           | J             | J            |           | 10                  | mg/kg | 9170   | mg/kg |
| RY061-NSB-F  | 09FC-RY061-NSB-F-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | LEAD          | 1             | Y           | J             | J            |           | 1                   | mg/kg | 339    | mg/kg |
| RY061-NSB-F  | 09FC-RY061-NSB-F-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 2450   | mg/kg |
| RY061-NSB-F  | 09FC-RY061-NSB-F-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | MANGANESE     | 1.5           | Y           | J-            | J-           |           | 1.5                 | mg/kg | 297    | mg/kg |
| RY061-NSB-F  | 09FC-RY061-NSB-F-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | NICKEL        | 4             | Y           |               |              |           | 4                   | mg/kg | 6      | mg/kg |
| RY061-NSB-F  | 09FC-RY061-NSB-F-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | POTASSIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 1250   | mg/kg |
| RY061-NSB-F  | 09FC-RY061-NSB-F-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | SILVER        | 1             | Y           | J+            | J+           |           | 1                   | mg/kg | 0.96   | mg/kg |
| RY061-NSB-F  | 09FC-RY061-NSB-F-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | SODIUM        | 500           | Y           | U             | U            | J         | 500                 | mg/kg | 500    | mg/kg |
| RY061-NSB-F  | 09FC-RY061-NSB-F-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.1    | mg/kg |
| RY061-NSB-F  | 09FC-RY061-NSB-F-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ANTIMONY      | 6             | Y           |               |              |           | 6                   | mg/kg | 8.6    | mg/kg |
| RY061-NSB-F  | 09FC-RY061-NSB-F-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ARSENIC       | 1             | Y           | J             | J            |           | 1                   | mg/kg | 14.7   | mg/kg |
| RY061-NSB-F  | 09FC-RY061-NSB-F-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | BARIUM        | 20            | Y           | J-            | J-           |           | 20                  | mg/kg | 113    | mg/kg |
| RY061-NSB-F  | 09FC-RY061-NSB-F-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | BERYLLIUM     | 0.5           | Y           | U             | U            | J         | 0.5                 | mg/kg | 0.5    | mg/kg |
| RY061-NSB-F  | 09FC-RY061-NSB-F-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | CADMIUM       | 0.5           | Y           |               |              |           | 0.5                 | mg/kg | 1.3    | mg/kg |
| RY061-NSB-F  | 09FC-RY061-NSB-F-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | CHROMIUM      | 1             | Y           | J             | J            |           | 1                   | mg/kg | 7.7    | mg/kg |
| RY061-NSB-F  | 09FC-RY061-NSB-F-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | COBALT        | 5             | Y           | J             |              | J         | 5                   | mg/kg | 4.2    | mg/kg |
| RY061-NSB-F  | 09FC-RY061-NSB-F-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | COPPER        | 2.5           | Y           | J             | J            |           | 2.5                 | mg/kg | 86.6   | mg/kg |
| RY061-NSB-F  | 09FC-RY061-NSB-F-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | VANADIUM      | 5             | Y           |               |              |           | 5                   | mg/kg | 10.6   | mg/kg |
| RY061-NSB-F  | 09FC-RY061-NSB-F-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ZINC          | 6             | Y           | J             | J            |           | 6                   | mg/kg | 465    | mg/kg |
| RY061-NSB-F  | 09FC-RY061-NSB-F-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | CALCIUM       | 500           | Y           | J             | J            |           | 500                 | mg/kg | 3590   | mg/kg |
| RY061-NSB-F  | 09FC-RY061-NSB-F-006012 | 8/12/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | SELENIUM      | 3.5           | N           | U             |              | U         | 3.5                 | mg/kg | 3      | mg/kg |
| RY061-NSS-B  | 09FC-RY061-NSS-B-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ALUMINUM      | 20            | Y           | J             | J            |           | 20                  | mg/kg | 5210   | mg/kg |
| RY061-NSS-B  | 09FC-RY061-NSS-B-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | IRON          | 10            | Y           | J             | J            |           | 10                  | mg/kg | 9390   | mg/kg |
| RY061-NSS-B  | 09FC-RY061-NSS-B-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | LEAD          | 1             | Y           | J             | J            |           | 1                   | mg/kg | 330    | mg/kg |
| RY061-NSS-B  | 09FC-RY061-NSS-B-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 2470   | mg/kg |
| RY061-NSS-B  | 09FC-RY061-NSS-B-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | MANGANESE     | 1.5           | Y           | J-            | J-           |           | 1.5                 | mg/kg | 320    | mg/kg |
| RY061-NSS-B  | 09FC-RY061-NSS-B-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | NICKEL        | 4             | Y           |               |              |           | 4                   | mg/kg | 6.1    | mg/kg |
| RY061-NSS-B  | 09FC-RY061-NSS-B-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | POTASSIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 1130   | mg/kg |
| RY061-NSS-B  | 09FC-RY061-NSS-B-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | SILVER        | 1             | Y           | J+            | J+           |           | 1                   | mg/kg | 1.1    | mg/kg |
| RY061-NSS-B  | 09FC-RY061-NSS-B-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | SODIUM        | 500           | Y           | U             | U            | J         | 500                 | mg/kg | 500    | mg/kg |
| RY061-NSS-B  | 09FC-RY061-NSS-B-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.4    | mg/kg |
| RY061-NSS-B  | 09FC-RY061-NSS-B-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ANTIMONY      | 6             | Y           |               |              |           | 6                   | mg/kg | 9.2    | mg/kg |
| RY061-NSS-B  | 09FC-RY061-NSS-B-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ARSENIC       | 1             | Y           | J             | J            |           | 1                   | mg/kg | 25.6   | mg/kg |
| RY061-NSS-B  | 09FC-RY061-NSS-B-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | BARIUM        | 20            | Y           | J-            | J-           |           | 20                  | mg/kg | 112    | mg/kg |
| RY061-NSS-B  | 09FC-RY061-NSS-B-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | BERYLLIUM     | 0.5           | Y           | U             | U            | J         | 0.5                 | mg/kg | 0.5    | mg/kg |
| RY061-NSS-B  | 09FC-RY061-NSS-B-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | CADMIUM       | 0.5           | Y           |               |              |           | 0.5                 | mg/kg | 1.8    | mg/kg |
| RY061-NSS-B  | 09FC-RY061-NSS-B-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | CHROMIUM      | 1             | Y           | J             | J            |           | 1                   | mg/kg | 7.5    | mg/kg |
| RY061-NSS-B  | 09FC-RY061-NSS-B-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | COBALT        | 5             | Y           | J             |              | J         | 5                   | mg/kg | 4.3    | mg/kg |
| RY061-NSS-B  | 09FC-RY061-NSS-B-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | COPPER        | 2.5           | Y           | J             | J            |           | 2.5                 | mg/kg | 68.2   | mg/kg |
| RY061-NSS-B  | 09FC-RY061-NSS-B-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | VANADIUM      | 5             | Y           |               |              |           | 5                   | mg/kg | 10.5   | mg/kg |
| RY061-NSS-B  | 09FC-RY061-NSS-B-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ZINC          | 6             | Y           | J             | J            |           | 6                   | mg/kg | 732    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                         |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY061-NSS-B  | 09FC-RY061-NSS-B-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | CALCIUM       | 500           | Y           | J             | J            |           | 500                 | mg/kg | 3030   | mg/kg |
| RY061-NSS-B  | 09FC-RY061-NSS-B-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | SELENIUM      | 3.5           | N           | U             |              | U         | 3.5                 | mg/kg | 3.3    | mg/kg |
| RY061-NSS-F  | 09FC-RY061-NSS-F-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ALUMINUM      | 20            | Y           | J             | J            |           | 20                  | mg/kg | 6610   | mg/kg |
| RY061-NSS-F  | 09FC-RY061-NSS-F-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | IRON          | 10            | Y           | J             | J            |           | 10                  | mg/kg | 9500   | mg/kg |
| RY061-NSS-F  | 09FC-RY061-NSS-F-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | LEAD          | 1             | Y           | J             | J            |           | 1                   | mg/kg | 122    | mg/kg |
| RY061-NSS-F  | 09FC-RY061-NSS-F-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 2930   | mg/kg |
| RY061-NSS-F  | 09FC-RY061-NSS-F-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | MANGANESE     | 1.5           | Y           | J-            | J-           |           | 1.5                 | mg/kg | 848    | mg/kg |
| RY061-NSS-F  | 09FC-RY061-NSS-F-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | NICKEL        | 4             | Y           |               |              |           | 4                   | mg/kg | 7.5    | mg/kg |
| RY061-NSS-F  | 09FC-RY061-NSS-F-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | POTASSIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 1990   | mg/kg |
| RY061-NSS-F  | 09FC-RY061-NSS-F-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | SILVER        | 1             | Y           | J+            | J+           | J         | 1                   | mg/kg | 0.95   | mg/kg |
| RY061-NSS-F  | 09FC-RY061-NSS-F-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | SODIUM        | 500           | Y           | U             | U            | J         | 500                 | mg/kg | 500    | mg/kg |
| RY061-NSS-F  | 09FC-RY061-NSS-F-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY061-NSS-F  | 09FC-RY061-NSS-F-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ANTIMONY      | 6             | Y           | U             | U            | J         | 6                   | mg/kg | 6      | mg/kg |
| RY061-NSS-F  | 09FC-RY061-NSS-F-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ARSENIC       | 1             | Y           | J             | J            |           | 1                   | mg/kg | 9.4    | mg/kg |
| RY061-NSS-F  | 09FC-RY061-NSS-F-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | BARIUM        | 20            | Y           | J-            | J-           |           | 20                  | mg/kg | 283    | mg/kg |
| RY061-NSS-F  | 09FC-RY061-NSS-F-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | BERYLLIUM     | 0.5           | Y           | U             | U            | J         | 0.5                 | mg/kg | 0.5    | mg/kg |
| RY061-NSS-F  | 09FC-RY061-NSS-F-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | CADMIUM       | 0.5           | Y           |               |              |           | 0.5                 | mg/kg | 1.2    | mg/kg |
| RY061-NSS-F  | 09FC-RY061-NSS-F-000002 | 8/12/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | CHROMIUM      | 1             | Y           | J             | J            |           | 1                   | mg/kg | 9.6    | mg/kg |
| RY084-NSB-C  | 09FC-RY084-NSB-C-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | COBALT        | 5             | Y           | J             |              | J         | 5                   | mg/kg | 4.1    | mg/kg |
| RY084-NSB-C  | 09FC-RY084-NSB-C-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | COPPER        | 2.5           | Y           | J             | J            |           | 2.5                 | mg/kg | 17.7   | mg/kg |
| RY084-NSB-C  | 09FC-RY084-NSB-C-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | VANADIUM      | 5             | Y           |               |              |           | 5                   | mg/kg | 13.7   | mg/kg |
| RY084-NSB-C  | 09FC-RY084-NSB-C-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ZINC          | 6             | Y           | J             | J            |           | 6                   | mg/kg | 780    | mg/kg |
| RY084-NSB-C  | 09FC-RY084-NSB-C-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | CALCIUM       | 500           | Y           |               |              |           | 500                 | mg/kg | 7970   | mg/kg |
| RY084-NSB-C  | 09FC-RY084-NSB-C-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | SELENIUM      | 3.5           | N           | U             |              | U         | 3.5                 | mg/kg | 3.6    | mg/kg |
| RY084-NSS-C  | 09FC-RY084-NSS-C-000002 | 8/18/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ALUMINUM      | 20            | Y           |               |              |           | 20                  | mg/kg | 6820   | mg/kg |
| RY084-NSS-C  | 09FC-RY084-NSS-C-000002 | 8/18/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | IRON          | 10            | Y           |               |              |           | 10                  | mg/kg | 34800  | mg/kg |
| RY084-NSS-C  | 09FC-RY084-NSS-C-000002 | 8/18/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | LEAD          | 1             | Y           | J-            | J-           |           | 1                   | mg/kg | 4630   | mg/kg |
| RY084-NSS-C  | 09FC-RY084-NSS-C-000002 | 8/18/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | MAGNESIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 2320   | mg/kg |
| RY084-NSS-C  | 09FC-RY084-NSS-C-000002 | 8/18/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | MANGANESE     | 1.5           | Y           |               |              |           | 1.5                 | mg/kg | 1530   | mg/kg |
| RY084-NSS-C  | 09FC-RY084-NSS-C-000002 | 8/18/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | NICKEL        | 4             | Y           |               |              |           | 4                   | mg/kg | 8      | mg/kg |
| RY084-NSS-C  | 09FC-RY084-NSS-C-000002 | 8/18/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | POTASSIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 831    | mg/kg |
| RY084-NSS-C  | 09FC-RY084-NSS-C-000002 | 8/18/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | SILVER        | 1             | Y           | J+            | J+           |           | 1                   | mg/kg | 39.1   | mg/kg |
| RY084-NSS-C  | 09FC-RY084-NSS-C-000002 | 8/18/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | SODIUM        | 500           | Y           | U             | U            | J         | 500                 | mg/kg | 500    | mg/kg |
| RY084-NSS-C  | 09FC-RY084-NSS-C-000002 | 8/18/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | THALLIUM      | 2.5           | N           | UJ            | UJ           | U         | 2.5                 | mg/kg | 2.8    | mg/kg |
| RY084-NSS-C  | 09FC-RY084-NSS-C-000002 | 8/18/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ANTIMONY      | 6             | Y           |               |              |           | 6                   | mg/kg | 535    | mg/kg |
| RY084-NSS-C  | 09FC-RY084-NSS-C-000002 | 8/18/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ARSENIC       | 1             | Y           |               |              |           | 1                   | mg/kg | 450    | mg/kg |
| RY084-NSS-C  | 09FC-RY084-NSS-C-000002 | 8/18/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | BARIUM        | 20            | Y           | J-            | J-           |           | 20                  | mg/kg | 321    | mg/kg |
| RY084-NSS-C  | 09FC-RY084-NSS-C-000002 | 8/18/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | BERYLLIUM     | 0.5           | Y           | U             | U            | J         | 0.5                 | mg/kg | 0.5    | mg/kg |
| RY084-NSS-C  | 09FC-RY084-NSS-C-000002 | 8/18/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | CADMIUM       | 0.5           | Y           |               |              |           | 0.5                 | mg/kg | 51.9   | mg/kg |
| RY084-NSS-C  | 09FC-RY084-NSS-C-000002 | 8/18/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | CHROMIUM      | 1             | Y           |               |              |           | 1                   | mg/kg | 5.2    | mg/kg |
| RY084-NSS-C  | 09FC-RY084-NSS-C-000002 | 8/18/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | COBALT        | 5             | Y           | J             |              | J         | 5                   | mg/kg | 3.9    | mg/kg |
| RY084-NSS-C  | 09FC-RY084-NSS-C-000002 | 8/18/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | COPPER        | 2.5           | Y           | J             | J            |           | 2.5                 | mg/kg | 55.1   | mg/kg |
| RY084-NSS-C  | 09FC-RY084-NSS-C-000002 | 8/18/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | VANADIUM      | 5             | Y           |               |              |           | 5                   | mg/kg | 13     | mg/kg |
| RY084-NSS-C  | 09FC-RY084-NSS-C-000002 | 8/18/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | CALCIUM       | 500           | Y           |               |              |           | 500                 | mg/kg | 11700  | mg/kg |
| RY084-NSS-C  | 09FC-RY084-NSS-C-000002 | 8/18/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | SELENIUM      | 3.5           | N           | U             |              | U         | 3.5                 | mg/kg | 3.9    | mg/kg |
| RY084-NSS-C  | 09FC-RY084-NSS-C-000002 | 8/18/2009   | N           | 0           | 2         | in         | C200.7          | 10/27/2009    | ZINC          | 6             | Y           | J             | J            |           | 6                   | mg/kg | 8840   | mg/kg |
| RY086-DSB-A  | 09FC-RY086-DSB-A-002006 | 8/19/2009   | FD          | 2           | 6         | in         | C200.7          | 10/21/2009    | ALUMINUM      | 20            | Y           |               |              |           | 20                  | mg/kg | 8170   | mg/kg |
| RY086-DSB-A  | 09FC-RY086-DSB-A-002006 | 8/19/2009   | FD          | 2           | 6         | in         | C200.7          | 10/21/2009    | IRON          | 10            | Y           |               |              |           | 10                  | mg/kg | 18000  | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY086-DSB-A  | 09FC-RY086-DSB-A-002006 | 8/19/2009   | FD          | 2           | 6         | in         | C200.7          | 10/21/2009    | LEAD          | 1                   | Y           | J-            | J-           |           | 1                   | mg/kg | 657    | mg/kg |
| RY086-DSB-A  | 09FC-RY086-DSB-A-002006 | 8/19/2009   | FD          | 2           | 6         | in         | C200.7          | 10/21/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 5030   | mg/kg |
| RY086-DSB-A  | 09FC-RY086-DSB-A-002006 | 8/19/2009   | FD          | 2           | 6         | in         | C200.7          | 10/21/2009    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 834    | mg/kg |
| RY086-DSB-A  | 09FC-RY086-DSB-A-002006 | 8/19/2009   | FD          | 2           | 6         | in         | C200.7          | 10/21/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 8.6    | mg/kg |
| RY086-DSB-A  | 09FC-RY086-DSB-A-002006 | 8/19/2009   | FD          | 2           | 6         | in         | C200.7          | 10/21/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1040   | mg/kg |
| RY086-DSB-A  | 09FC-RY086-DSB-A-002006 | 8/19/2009   | FD          | 2           | 6         | in         | C200.7          | 10/21/2009    | SILVER        | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 4.2    | mg/kg |
| RY086-DSB-A  | 09FC-RY086-DSB-A-002006 | 8/19/2009   | FD          | 2           | 6         | in         | C200.7          | 10/21/2009    | SODIUM        | 500                 | Y           | U             | U            | J         | 500                 | mg/kg | 500    | mg/kg |
| RY086-DSB-A  | 09FC-RY086-DSB-A-002006 | 8/19/2009   | FD          | 2           | 6         | in         | C200.7          | 10/21/2009    | THALLIUM      | 2.5                 | N           | UJ            | UJ           | U         | 2.5                 | mg/kg | 2.3    | mg/kg |
| RY086-DSB-A  | 09FC-RY086-DSB-A-002006 | 8/19/2009   | FD          | 2           | 6         | in         | C200.7          | 10/21/2009    | ANTIMONY      | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 99.6   | mg/kg |
| RY086-DSB-A  | 09FC-RY086-DSB-A-002006 | 8/19/2009   | FD          | 2           | 6         | in         | C200.7          | 10/21/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 112    | mg/kg |
| RY086-DSB-A  | 09FC-RY086-DSB-A-002006 | 8/19/2009   | FD          | 2           | 6         | in         | C200.7          | 10/21/2009    | BARIUM        | 20                  | Y           | J-            | J-           |           | 20                  | mg/kg | 132    | mg/kg |
| RY086-DSB-A  | 09FC-RY086-DSB-A-002006 | 8/19/2009   | FD          | 2           | 6         | in         | C200.7          | 10/21/2009    | BERYLLIUM     | 0.5                 | Y           | U             | U            | J         | 0.5                 | mg/kg | 0.5    | mg/kg |
| RY086-DSB-A  | 09FC-RY086-DSB-A-002006 | 8/19/2009   | FD          | 2           | 6         | in         | C200.7          | 10/21/2009    | CADMIUM       | 0.5                 | Y           | J             | J            |           | 0.5                 | mg/kg | 5.1    | mg/kg |
| RY086-DSB-A  | 09FC-RY086-DSB-A-002006 | 8/19/2009   | FD          | 2           | 6         | in         | C200.7          | 10/21/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 5.4    | mg/kg |
| RY086-DSB-A  | 09FC-RY086-DSB-A-002006 | 8/19/2009   | FD          | 2           | 6         | in         | C200.7          | 10/21/2009    | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 6.5    | mg/kg |
| RY086-DSB-A  | 09FC-RY086-DSB-A-002006 | 8/19/2009   | FD          | 2           | 6         | in         | C200.7          | 10/21/2009    | COPPER        | 2.5                 | Y           | J             | J            |           | 2.5                 | mg/kg | 14.3   | mg/kg |
| RY086-DSB-A  | 09FC-RY086-DSB-A-002006 | 8/19/2009   | FD          | 2           | 6         | in         | C200.7          | 10/21/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 12.1   | mg/kg |
| RY086-DSB-A  | 09FC-RY086-DSB-A-002006 | 8/19/2009   | FD          | 2           | 6         | in         | C200.7          | 10/21/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 630    | mg/kg |
| RY086-DSB-A  | 09FC-RY086-DSB-A-002006 | 8/19/2009   | FD          | 2           | 6         | in         | C200.7          | 10/21/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 15100  | mg/kg |
| RY086-DSB-A  | 09FC-RY086-DSB-A-002006 | 8/19/2009   | FD          | 2           | 6         | in         | C200.7          | 10/21/2009    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.3    | mg/kg |
| RY086-NSB-A  | 09FC-RY086-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 7920   | mg/kg |
| RY086-NSB-A  | 09FC-RY086-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 19300  | mg/kg |
| RY086-NSB-A  | 09FC-RY086-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | LEAD          | 1                   | Y           | J-            | J-           |           | 1                   | mg/kg | 2050   | mg/kg |
| RY086-NSB-A  | 09FC-RY086-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 3010   | mg/kg |
| RY086-NSB-A  | 09FC-RY086-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 1060   | mg/kg |
| RY086-NSB-A  | 09FC-RY086-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.8    | mg/kg |
| RY086-NSB-A  | 09FC-RY086-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 985    | mg/kg |
| RY086-NSB-A  | 09FC-RY086-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | SILVER        | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 13.3   | mg/kg |
| RY086-NSB-A  | 09FC-RY086-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | SODIUM        | 500                 | Y           | U             | U            | J         | 500                 | mg/kg | 500    | mg/kg |
| RY086-NSB-A  | 09FC-RY086-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | THALLIUM      | 2.5                 | N           | UJ            | UJ           | U         | 2.5                 | mg/kg | 2.1    | mg/kg |
| RY086-NSB-A  | 09FC-RY086-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | ANTIMONY      | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 203    | mg/kg |
| RY086-NSB-A  | 09FC-RY086-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 234    | mg/kg |
| RY086-NSB-A  | 09FC-RY086-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | BARIUM        | 20                  | Y           | J-            | J-           |           | 20                  | mg/kg | 130    | mg/kg |
| RY086-NSB-A  | 09FC-RY086-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | BERYLLIUM     | 0.5                 | Y           | U             | U            | J         | 0.5                 | mg/kg | 0.5    | mg/kg |
| RY086-NSB-A  | 09FC-RY086-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | CADMIUM       | 0.5                 | Y           | J             | J            |           | 0.5                 | mg/kg | 10.5   | mg/kg |
| RY086-NSB-A  | 09FC-RY086-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 5.4    | mg/kg |
| RY086-NSB-A  | 09FC-RY086-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 5      | mg/kg |
| RY086-NSB-A  | 09FC-RY086-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | COPPER        | 2.5                 | Y           | J             | J            |           | 2.5                 | mg/kg | 20.2   | mg/kg |
| RY086-NSB-A  | 09FC-RY086-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 11.5   | mg/kg |
| RY086-NSB-A  | 09FC-RY086-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 1310   | mg/kg |
| RY086-NSB-A  | 09FC-RY086-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 8080   | mg/kg |
| RY086-NSB-A  | 09FC-RY086-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3      | mg/kg |
| RY086-NSB-A  | 09FC-RY086-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 7780   | mg/kg |
| RY086-NSB-A  | 09FC-RY086-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 11000  | mg/kg |
| RY086-NSB-A  | 09FC-RY086-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | LEAD          | 1                   | Y           | J-            | J-           |           | 1                   | mg/kg | 221    | mg/kg |
| RY086-NSB-A  | 09FC-RY086-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2950   | mg/kg |
| RY086-NSB-A  | 09FC-RY086-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 511    | mg/kg |
| RY086-NSB-A  | 09FC-RY086-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.5    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY086-NSB-A  | 09FC-RY086-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1060   | mg/kg |
| RY086-NSB-A  | 09FC-RY086-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | SILVER        | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 1.7    | mg/kg |
| RY086-NSB-A  | 09FC-RY086-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | SODIUM        | 500                 | Y           | U             | U            | J         | 500                 | mg/kg | 500    | mg/kg |
| RY086-NSB-A  | 09FC-RY086-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | THALLIUM      | 2.5                 | N           | UJ            | UJ           | U         | 2.5                 | mg/kg | 2.7    | mg/kg |
| RY086-NSB-A  | 09FC-RY086-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ANTIMONY      | 6                   | Y           |               |              |           | 6                   | mg/kg | 26.8   | mg/kg |
| RY086-NSB-A  | 09FC-RY086-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 46.2   | mg/kg |
| RY086-NSB-A  | 09FC-RY086-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | BARIUM        | 20                  | Y           | J-            | J-           |           | 20                  | mg/kg | 147    | mg/kg |
| RY086-NSB-A  | 09FC-RY086-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | BERYLLIUM     | 0.5                 | Y           | U             | U            | J         | 0.5                 | mg/kg | 0.5    | mg/kg |
| RY086-NSB-A  | 09FC-RY086-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 2.2    | mg/kg |
| RY086-NSB-A  | 09FC-RY086-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 7      | mg/kg |
| RY086-NSB-A  | 09FC-RY086-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.6    | mg/kg |
| RY086-NSB-A  | 09FC-RY086-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | COPPER        | 2.5                 | Y           | J             | J            |           | 2.5                 | mg/kg | 9.7    | mg/kg |
| RY086-NSB-A  | 09FC-RY086-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 11.9   | mg/kg |
| RY086-NSB-A  | 09FC-RY086-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 271    | mg/kg |
| RY086-NSB-A  | 09FC-RY086-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 3990   | mg/kg |
| RY086-NSB-A  | 09FC-RY086-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.8    | mg/kg |
| RY086-NSB-D  | 09FC-RY086-NSB-D-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 4170   | mg/kg |
| RY086-NSB-D  | 09FC-RY086-NSB-D-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 40000  | mg/kg |
| RY086-NSB-D  | 09FC-RY086-NSB-D-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | LEAD          | 1                   | Y           | J-            | J-           |           | 1                   | mg/kg | 5740   | mg/kg |
| RY086-NSB-D  | 09FC-RY086-NSB-D-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2390   | mg/kg |
| RY086-NSB-D  | 09FC-RY086-NSB-D-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 2350   | mg/kg |
| RY086-NSB-D  | 09FC-RY086-NSB-D-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 5.7    | mg/kg |
| RY086-NSB-D  | 09FC-RY086-NSB-D-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 636    | mg/kg |
| RY086-NSB-D  | 09FC-RY086-NSB-D-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | SILVER        | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 54.4   | mg/kg |
| RY086-NSB-D  | 09FC-RY086-NSB-D-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | SODIUM        | 500                 | Y           | U             | U            | J         | 500                 | mg/kg | 500    | mg/kg |
| RY086-NSB-D  | 09FC-RY086-NSB-D-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | THALLIUM      | 2.5                 | N           | UJ            | UJ           | U         | 2.5                 | mg/kg | 2.2    | mg/kg |
| RY086-NSB-D  | 09FC-RY086-NSB-D-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | ANTIMONY      | 6                   | Y           |               |              |           | 6                   | mg/kg | 690    | mg/kg |
| RY086-NSB-D  | 09FC-RY086-NSB-D-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 1090   | mg/kg |
| RY086-NSB-D  | 09FC-RY086-NSB-D-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | BARIUM        | 20                  | Y           | J-            | J-           |           | 20                  | mg/kg | 78     | mg/kg |
| RY086-NSB-D  | 09FC-RY086-NSB-D-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | BERYLLIUM     | 0.5                 | Y           | U             | U            | J         | 0.5                 | mg/kg | 0.5    | mg/kg |
| RY086-NSB-D  | 09FC-RY086-NSB-D-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 35.3   | mg/kg |
| RY086-NSB-D  | 09FC-RY086-NSB-D-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 3.6    | mg/kg |
| RY086-NSB-D  | 09FC-RY086-NSB-D-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 3.8    | mg/kg |
| RY086-NSB-D  | 09FC-RY086-NSB-D-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | COPPER        | 2.5                 | Y           | J             | J            |           | 2.5                 | mg/kg | 31.1   | mg/kg |
| RY086-NSB-D  | 09FC-RY086-NSB-D-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 7      | mg/kg |
| RY086-NSB-D  | 09FC-RY086-NSB-D-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 3660   | mg/kg |
| RY086-NSB-D  | 09FC-RY086-NSB-D-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 5450   | mg/kg |
| RY086-NSB-D  | 09FC-RY086-NSB-D-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.1    | mg/kg |
| RY086-NSB-D  | 09FC-RY086-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 4490   | mg/kg |
| RY086-NSB-D  | 09FC-RY086-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 32100  | mg/kg |
| RY086-NSB-D  | 09FC-RY086-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | LEAD          | 1                   | Y           | J-            | J-           |           | 1                   | mg/kg | 4700   | mg/kg |
| RY086-NSB-D  | 09FC-RY086-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2120   | mg/kg |
| RY086-NSB-D  | 09FC-RY086-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 1780   | mg/kg |
| RY086-NSB-D  | 09FC-RY086-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.1    | mg/kg |
| RY086-NSB-D  | 09FC-RY086-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 682    | mg/kg |
| RY086-NSB-D  | 09FC-RY086-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | SILVER        | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 40.7   | mg/kg |
| RY086-NSB-D  | 09FC-RY086-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | SODIUM        | 500                 | Y           | U             | U            | J         | 500                 | mg/kg | 500    | mg/kg |
| RY086-NSB-D  | 09FC-RY086-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | THALLIUM      | 2.5                 | N           | UJ            | UJ           | U         | 2.5                 | mg/kg | 2      | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY086-NSB-D  | 09FC-RY086-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ANTIMONY      | 6                   | Y           |               |              |           | 6                   | mg/kg | 536    | mg/kg |
| RY086-NSB-D  | 09FC-RY086-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 1440   | mg/kg |
| RY086-NSB-D  | 09FC-RY086-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | BARIUM        | 20                  | Y           | J-            | J-           |           | 20                  | mg/kg | 82.4   | mg/kg |
| RY086-NSB-D  | 09FC-RY086-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | BERYLLIUM     | 0.5                 | Y           | U             | U            | J         | 0.5                 | mg/kg | 0.5    | mg/kg |
| RY086-NSB-D  | 09FC-RY086-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 27.9   | mg/kg |
| RY086-NSB-D  | 09FC-RY086-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 3.7    | mg/kg |
| RY086-NSB-D  | 09FC-RY086-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 3.5    | mg/kg |
| RY086-NSB-D  | 09FC-RY086-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | COPPER        | 2.5                 | Y           | J             | J            |           | 2.5                 | mg/kg | 35     | mg/kg |
| RY086-NSB-D  | 09FC-RY086-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 7.1    | mg/kg |
| RY086-NSB-D  | 09FC-RY086-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 2850   | mg/kg |
| RY086-NSB-D  | 09FC-RY086-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 2820   | mg/kg |
| RY086-NSB-D  | 09FC-RY086-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 2.8    | mg/kg |
| RY086-NSS-A  | 09FC-RY086-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 7050   | mg/kg |
| RY086-NSS-A  | 09FC-RY086-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 41100  | mg/kg |
| RY086-NSS-A  | 09FC-RY086-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | LEAD          | 1                   | Y           | J-            | J-           |           | 1                   | mg/kg | 1300   | mg/kg |
| RY086-NSS-A  | 09FC-RY086-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 4270   | mg/kg |
| RY086-NSS-A  | 09FC-RY086-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 2940   | mg/kg |
| RY086-NSS-A  | 09FC-RY086-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 7.9    | mg/kg |
| RY086-NSS-A  | 09FC-RY086-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 952    | mg/kg |
| RY086-NSS-A  | 09FC-RY086-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | SILVER        | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 10.5   | mg/kg |
| RY086-NSS-A  | 09FC-RY086-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | SODIUM        | 500                 | Y           | U             | U            | J         | 500                 | mg/kg | 500    | mg/kg |
| RY086-NSS-A  | 09FC-RY086-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | THALLIUM      | 2.5                 | N           | UJ            | UJ           | U         | 2.5                 | mg/kg | 2.4    | mg/kg |
| RY086-NSS-A  | 09FC-RY086-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ANTIMONY      | 6                   | Y           |               |              |           | 6                   | mg/kg | 138    | mg/kg |
| RY086-NSS-A  | 09FC-RY086-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 240    | mg/kg |
| RY086-NSS-A  | 09FC-RY086-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 114    | mg/kg |
| RY086-NSS-A  | 09FC-RY086-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | BERYLLIUM     | 0.5                 | Y           | U             | U            | J         | 0.5                 | mg/kg | 0.5    | mg/kg |
| RY086-NSS-A  | 09FC-RY086-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 10.4   | mg/kg |
| RY086-NSS-A  | 09FC-RY086-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 6.6    | mg/kg |
| RY086-NSS-A  | 09FC-RY086-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.5    | mg/kg |
| RY086-NSS-A  | 09FC-RY086-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | COPPER        | 2.5                 | Y           | J             | J            |           | 2.5                 | mg/kg | 14.5   | mg/kg |
| RY086-NSS-A  | 09FC-RY086-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 10.5   | mg/kg |
| RY086-NSS-A  | 09FC-RY086-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 1220   | mg/kg |
| RY086-NSS-A  | 09FC-RY086-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 6690   | mg/kg |
| RY086-NSS-A  | 09FC-RY086-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.4    | mg/kg |
| RY086-NSS-C  | 09FC-RY086-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 8010   | mg/kg |
| RY086-NSS-C  | 09FC-RY086-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 11200  | mg/kg |
| RY086-NSS-C  | 09FC-RY086-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | LEAD          | 1                   | Y           | J-            | J-           |           | 1                   | mg/kg | 1120   | mg/kg |
| RY086-NSS-C  | 09FC-RY086-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2560   | mg/kg |
| RY086-NSS-C  | 09FC-RY086-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 490    | mg/kg |
| RY086-NSS-C  | 09FC-RY086-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.5    | mg/kg |
| RY086-NSS-C  | 09FC-RY086-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1400   | mg/kg |
| RY086-NSS-C  | 09FC-RY086-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | SILVER        | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 2      | mg/kg |
| RY086-NSS-C  | 09FC-RY086-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | SODIUM        | 500                 | Y           | U             | U            | J         | 500                 | mg/kg | 500    | mg/kg |
| RY086-NSS-C  | 09FC-RY086-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | THALLIUM      | 2.5                 | N           | UJ            | UJ           | U         | 2.5                 | mg/kg | 2.7    | mg/kg |
| RY086-NSS-C  | 09FC-RY086-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ANTIMONY      | 6                   | Y           |               |              |           | 6                   | mg/kg | 14.4   | mg/kg |
| RY086-NSS-C  | 09FC-RY086-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 197    | mg/kg |
| RY086-NSS-C  | 09FC-RY086-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 203    | mg/kg |
| RY086-NSS-C  | 09FC-RY086-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | BERYLLIUM     | 0.5                 | Y           | U             | U            | J         | 0.5                 | mg/kg | 0.5    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY086-NSS-C  | 09FC-RY086-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 2.6    | mg/kg |
| RY086-NSS-C  | 09FC-RY086-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 7.1    | mg/kg |
| RY086-NSS-C  | 09FC-RY086-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.9    | mg/kg |
| RY086-NSS-C  | 09FC-RY086-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | COPPER        | 2.5                 | Y           | J             | J            |           | 2.5                 | mg/kg | 16.3   | mg/kg |
| RY086-NSS-C  | 09FC-RY086-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 13     | mg/kg |
| RY086-NSS-C  | 09FC-RY086-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 515    | mg/kg |
| RY086-NSS-C  | 09FC-RY086-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 3640   | mg/kg |
| RY086-NSS-C  | 09FC-RY086-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.8    | mg/kg |
| RY086-NSS-D  | 09FC-RY086-NSS-D-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 2750   | mg/kg |
| RY086-NSS-D  | 09FC-RY086-NSS-D-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 43600  | mg/kg |
| RY086-NSS-D  | 09FC-RY086-NSS-D-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | LEAD          | 1                   | Y           | J-            | J-           |           | 1                   | mg/kg | 7530   | mg/kg |
| RY086-NSS-D  | 09FC-RY086-NSS-D-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2130   | mg/kg |
| RY086-NSS-D  | 09FC-RY086-NSS-D-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 2770   | mg/kg |
| RY086-NSS-D  | 09FC-RY086-NSS-D-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 5.5    | mg/kg |
| RY086-NSS-D  | 09FC-RY086-NSS-D-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | POTASSIUM     | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 420    | mg/kg |
| RY086-NSS-D  | 09FC-RY086-NSS-D-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | SILVER        | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 71.5   | mg/kg |
| RY086-NSS-D  | 09FC-RY086-NSS-D-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | SODIUM        | 500                 | Y           | U             | U            | J         | 500                 | mg/kg | 500    | mg/kg |
| RY086-NSS-D  | 09FC-RY086-NSS-D-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | THALLIUM      | 2.5                 | N           | UJ            | UJ           | U         | 2.5                 | mg/kg | 2.7    | mg/kg |
| RY086-NSS-D  | 09FC-RY086-NSS-D-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ANTIMONY      | 6                   | Y           |               |              |           | 6                   | mg/kg | 1060   | mg/kg |
| RY086-NSS-D  | 09FC-RY086-NSS-D-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 1400   | mg/kg |
| RY086-NSS-D  | 09FC-RY086-NSS-D-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 50.3   | mg/kg |
| RY086-NSS-D  | 09FC-RY086-NSS-D-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | BERYLLIUM     | 0.5                 | Y           | U             | U            | J         | 0.5                 | mg/kg | 0.5    | mg/kg |
| RY086-NSS-D  | 09FC-RY086-NSS-D-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 59.6   | mg/kg |
| RY086-NSS-D  | 09FC-RY086-NSS-D-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 2.9    | mg/kg |
| RY086-NSS-D  | 09FC-RY086-NSS-D-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 3.4    | mg/kg |
| RY086-NSS-D  | 09FC-RY086-NSS-D-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | COPPER        | 2.5                 | Y           | J             | J            |           | 2.5                 | mg/kg | 42.1   | mg/kg |
| RY086-NSS-D  | 09FC-RY086-NSS-D-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | VANADIUM      | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.4    | mg/kg |
| RY086-NSS-D  | 09FC-RY086-NSS-D-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 7880   | mg/kg |
| RY086-NSS-D  | 09FC-RY086-NSS-D-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 3430   | mg/kg |
| RY086-NSS-D  | 09FC-RY086-NSS-D-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.7    | mg/kg |
| RY088-NSB-E  | 09FC-RY088-NSB-E-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 5890   | mg/kg |
| RY088-NSB-E  | 09FC-RY088-NSB-E-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 6690   | mg/kg |
| RY088-NSB-E  | 09FC-RY088-NSB-E-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | LEAD          | 1                   | Y           | J-            | J-           |           | 1                   | mg/kg | 53.2   | mg/kg |
| RY088-NSB-E  | 09FC-RY088-NSB-E-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2320   | mg/kg |
| RY088-NSB-E  | 09FC-RY088-NSB-E-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 537    | mg/kg |
| RY088-NSB-E  | 09FC-RY088-NSB-E-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.1    | mg/kg |
| RY088-NSB-E  | 09FC-RY088-NSB-E-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1140   | mg/kg |
| RY088-NSB-E  | 09FC-RY088-NSB-E-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | SILVER        | 1                   | N           | UJ            | UJ           | U         | 1                   | mg/kg | 1      | mg/kg |
| RY088-NSB-E  | 09FC-RY088-NSB-E-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | SODIUM        | 500                 | Y           | U             | U            | J         | 500                 | mg/kg | 500    | mg/kg |
| RY088-NSB-E  | 09FC-RY088-NSB-E-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | THALLIUM      | 2.5                 | N           | UJ            | UJ           | U         | 2.5                 | mg/kg | 2.5    | mg/kg |
| RY088-NSB-E  | 09FC-RY088-NSB-E-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | ANTIMONY      | 6                   | Y           | U             | U            | J         | 6                   | mg/kg | 6      | mg/kg |
| RY088-NSB-E  | 09FC-RY088-NSB-E-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 1.5    | mg/kg |
| RY088-NSB-E  | 09FC-RY088-NSB-E-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 222    | mg/kg |
| RY088-NSB-E  | 09FC-RY088-NSB-E-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | BERYLLIUM     | 0.5                 | Y           | U             | U            | J         | 0.5                 | mg/kg | 0.5    | mg/kg |
| RY088-NSB-E  | 09FC-RY088-NSB-E-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 0.58   | mg/kg |
| RY088-NSB-E  | 09FC-RY088-NSB-E-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 5.6    | mg/kg |
| RY088-NSB-E  | 09FC-RY088-NSB-E-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 3.2    | mg/kg |
| RY088-NSB-E  | 09FC-RY088-NSB-E-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | COPPER        | 2.5                 | Y           | J             | J            |           | 2.5                 | mg/kg | 11.6   | mg/kg |



Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY088-NSB-E  | 09FC-RY088-NSB-E-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 5.9    | mg/kg |
| RY088-NSB-E  | 09FC-RY088-NSB-E-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 305    | mg/kg |
| RY088-NSB-E  | 09FC-RY088-NSB-E-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 5190   | mg/kg |
| RY088-NSB-E  | 09FC-RY088-NSB-E-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.5    | mg/kg |
| RY089-NSB-I  | 09FC-RY089-NSB-I-002006 | 8/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 6710   | mg/kg |
| RY089-NSB-I  | 09FC-RY089-NSB-I-002006 | 8/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 9220   | mg/kg |
| RY089-NSB-I  | 09FC-RY089-NSB-I-002006 | 8/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 383    | mg/kg |
| RY089-NSB-I  | 09FC-RY089-NSB-I-002006 | 8/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 4670   | mg/kg |
| RY089-NSB-I  | 09FC-RY089-NSB-I-002006 | 8/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 324    | mg/kg |
| RY089-NSB-I  | 09FC-RY089-NSB-I-002006 | 8/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | NICKEL        | 4                   | Y           | J             | J            |           | 4                   | mg/kg | 6.6    | mg/kg |
| RY089-NSB-I  | 09FC-RY089-NSB-I-002006 | 8/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | POTASSIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 2160   | mg/kg |
| RY089-NSB-I  | 09FC-RY089-NSB-I-002006 | 8/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | SILVER        | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 1.6    | mg/kg |
| RY089-NSB-I  | 09FC-RY089-NSB-I-002006 | 8/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | SODIUM        | 500                 | Y           | U             | U            | J         | 500                 | mg/kg | 500    | mg/kg |
| RY089-NSB-I  | 09FC-RY089-NSB-I-002006 | 8/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.7    | mg/kg |
| RY089-NSB-I  | 09FC-RY089-NSB-I-002006 | 8/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | ANTIMONY      | 6                   | Y           | R             | 6.0UJR       | J         | 6                   | mg/kg | 6      | mg/kg |
| RY089-NSB-I  | 09FC-RY089-NSB-I-002006 | 8/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 5.4    | mg/kg |
| RY089-NSB-I  | 09FC-RY089-NSB-I-002006 | 8/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | BARIUM        | 20                  | Y           | J-            | J-           |           | 20                  | mg/kg | 201    | mg/kg |
| RY089-NSB-I  | 09FC-RY089-NSB-I-002006 | 8/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | BERYLLIUM     | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.54   | mg/kg |
| RY089-NSB-I  | 09FC-RY089-NSB-I-002006 | 8/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | CADMIUM       | 0.5                 | Y           | J-            | J-           | J         | 0.5                 | mg/kg | 0.43   | mg/kg |
| RY089-NSB-I  | 09FC-RY089-NSB-I-002006 | 8/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | CHROMIUM      | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 66.6   | mg/kg |
| RY089-NSB-I  | 09FC-RY089-NSB-I-002006 | 8/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.3    | mg/kg |
| RY089-NSB-I  | 09FC-RY089-NSB-I-002006 | 8/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | COPPER        | 2.5                 | Y           | J             | J            |           | 2.5                 | mg/kg | 27.3   | mg/kg |
| RY089-NSB-I  | 09FC-RY089-NSB-I-002006 | 8/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 8.7    | mg/kg |
| RY089-NSB-I  | 09FC-RY089-NSB-I-002006 | 8/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | ZINC          | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 300    | mg/kg |
| RY089-NSB-I  | 09FC-RY089-NSB-I-002006 | 8/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 15400  | mg/kg |
| RY089-NSB-I  | 09FC-RY089-NSB-I-002006 | 8/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | SELENIUM      | 3.5                 | N           | UJ            | UJ           | U         | 3.5                 | mg/kg | 3.8    | mg/kg |
| RY089-NSS-C  | 09FC-RY089-NSS-C-000002 | 8/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 6610   | mg/kg |
| RY089-NSS-C  | 09FC-RY089-NSS-C-000002 | 8/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 8820   | mg/kg |
| RY089-NSS-C  | 09FC-RY089-NSS-C-000002 | 8/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 181    | mg/kg |
| RY089-NSS-C  | 09FC-RY089-NSS-C-000002 | 8/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 4080   | mg/kg |
| RY089-NSS-C  | 09FC-RY089-NSS-C-000002 | 8/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 283    | mg/kg |
| RY089-NSS-C  | 09FC-RY089-NSS-C-000002 | 8/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | NICKEL        | 4                   | Y           | J             | J            |           | 4                   | mg/kg | 5.5    | mg/kg |
| RY089-NSS-C  | 09FC-RY089-NSS-C-000002 | 8/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | POTASSIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 1830   | mg/kg |
| RY089-NSS-C  | 09FC-RY089-NSS-C-000002 | 8/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | SILVER        | 1                   | N           | UJ            | UJ           | U         | 1                   | mg/kg | 1.1    | mg/kg |
| RY089-NSS-C  | 09FC-RY089-NSS-C-000002 | 8/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | SODIUM        | 500                 | Y           | U             | U            | J         | 500                 | mg/kg | 500    | mg/kg |
| RY089-NSS-C  | 09FC-RY089-NSS-C-000002 | 8/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.7    | mg/kg |
| RY089-NSS-C  | 09FC-RY089-NSS-C-000002 | 8/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | ANTIMONY      | 6                   | Y           | R             | 6.0UJR       | J         | 6                   | mg/kg | 6      | mg/kg |
| RY089-NSS-C  | 09FC-RY089-NSS-C-000002 | 8/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 7.8    | mg/kg |
| RY089-NSS-C  | 09FC-RY089-NSS-C-000002 | 8/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | BARIUM        | 20                  | Y           | J-            | J-           |           | 20                  | mg/kg | 117    | mg/kg |
| RY089-NSS-C  | 09FC-RY089-NSS-C-000002 | 8/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | BERYLLIUM     | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.55   | mg/kg |
| RY089-NSS-C  | 09FC-RY089-NSS-C-000002 | 8/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | CADMIUM       | 0.5                 | Y           | J-            | J-           | J         | 0.5                 | mg/kg | 0.086  | mg/kg |
| RY089-NSS-C  | 09FC-RY089-NSS-C-000002 | 8/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | CHROMIUM      | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 5.1    | mg/kg |
| RY089-NSS-C  | 09FC-RY089-NSS-C-000002 | 8/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.1    | mg/kg |
| RY089-NSS-C  | 09FC-RY089-NSS-C-000002 | 8/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | COPPER        | 2.5                 | Y           | J             | J            |           | 2.5                 | mg/kg | 12     | mg/kg |
| RY089-NSS-C  | 09FC-RY089-NSS-C-000002 | 8/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 7.6    | mg/kg |
| RY089-NSS-C  | 09FC-RY089-NSS-C-000002 | 8/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 104    | mg/kg |
| RY089-NSS-C  | 09FC-RY089-NSS-C-000002 | 8/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 12900  | mg/kg |
| RY089-NSS-C  | 09FC-RY089-NSS-C-000002 | 8/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | SELENIUM      | 3.5                 | N           | UJ            | UJ           | U         | 3.5                 | mg/kg | 3.8    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY089-NSS-I  | 09FC-RY089-NSS-I-000002 | 8/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 6450   | mg/kg |
| RY089-NSS-I  | 09FC-RY089-NSS-I-000002 | 8/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 9290   | mg/kg |
| RY089-NSS-I  | 09FC-RY089-NSS-I-000002 | 8/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 445    | mg/kg |
| RY089-NSS-I  | 09FC-RY089-NSS-I-000002 | 8/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 4950   | mg/kg |
| RY089-NSS-I  | 09FC-RY089-NSS-I-000002 | 8/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 293    | mg/kg |
| RY089-NSS-I  | 09FC-RY089-NSS-I-000002 | 8/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | NICKEL        | 4                   | Y           | J             | J            |           | 4                   | mg/kg | 6.8    | mg/kg |
| RY089-NSS-I  | 09FC-RY089-NSS-I-000002 | 8/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | POTASSIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 2030   | mg/kg |
| RY089-NSS-I  | 09FC-RY089-NSS-I-000002 | 8/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | SILVER        | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 1.6    | mg/kg |
| RY089-NSS-I  | 09FC-RY089-NSS-I-000002 | 8/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | SODIUM        | 500                 | Y           | U             | U            | J         | 500                 | mg/kg | 500    | mg/kg |
| RY089-NSS-I  | 09FC-RY089-NSS-I-000002 | 8/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.7    | mg/kg |
| RY089-NSS-I  | 09FC-RY089-NSS-I-000002 | 8/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | ANTIMONY      | 6                   | Y           | R             | 6.0UJR       | J         | 6                   | mg/kg | 6      | mg/kg |
| RY089-NSS-I  | 09FC-RY089-NSS-I-000002 | 8/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 4.6    | mg/kg |
| RY089-NSS-I  | 09FC-RY089-NSS-I-000002 | 8/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | BARIUM        | 20                  | Y           | J-            | J-           |           | 20                  | mg/kg | 178    | mg/kg |
| RY089-NSS-I  | 09FC-RY089-NSS-I-000002 | 8/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | BERYLLIUM     | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.53   | mg/kg |
| RY089-NSS-I  | 09FC-RY089-NSS-I-000002 | 8/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | CADMIUM       | 0.5                 | Y           | J-            | J-           | J         | 0.5                 | mg/kg | 0.45   | mg/kg |
| RY089-NSS-I  | 09FC-RY089-NSS-I-000002 | 8/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | CHROMIUM      | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 10.1   | mg/kg |
| RY089-NSS-I  | 09FC-RY089-NSS-I-000002 | 8/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.2    | mg/kg |
| RY089-NSS-I  | 09FC-RY089-NSS-I-000002 | 8/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | COPPER        | 2.5                 | Y           | J             | J            |           | 2.5                 | mg/kg | 36.4   | mg/kg |
| RY089-NSS-I  | 09FC-RY089-NSS-I-000002 | 8/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 8.1    | mg/kg |
| RY089-NSS-I  | 09FC-RY089-NSS-I-000002 | 8/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 282    | mg/kg |
| RY089-NSS-I  | 09FC-RY089-NSS-I-000002 | 8/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 16500  | mg/kg |
| RY089-NSS-I  | 09FC-RY089-NSS-I-000002 | 8/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | SELENIUM      | 3.5                 | N           | UJ            | UJ           | U         | 3.5                 | mg/kg | 3.7    | mg/kg |
| RY091-NSB-A  | 09FC-RY091-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 6530   | mg/kg |
| RY091-NSB-A  | 09FC-RY091-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 9290   | mg/kg |
| RY091-NSB-A  | 09FC-RY091-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | LEAD          | 1                   | Y           | J-            | J-           |           | 1                   | mg/kg | 167    | mg/kg |
| RY091-NSB-A  | 09FC-RY091-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3310   | mg/kg |
| RY091-NSB-A  | 09FC-RY091-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 368    | mg/kg |
| RY091-NSB-A  | 09FC-RY091-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.4    | mg/kg |
| RY091-NSB-A  | 09FC-RY091-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1380   | mg/kg |
| RY091-NSB-A  | 09FC-RY091-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | SILVER        | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 1.1    | mg/kg |
| RY091-NSB-A  | 09FC-RY091-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | SODIUM        | 500                 | Y           | U             | U            | J         | 500                 | mg/kg | 500    | mg/kg |
| RY091-NSB-A  | 09FC-RY091-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | THALLIUM      | 2.5                 | N           | UJ            | UJ           | U         | 2.5                 | mg/kg | 2.1    | mg/kg |
| RY091-NSB-A  | 09FC-RY091-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | ANTIMONY      | 6                   | Y           |               |              |           | 6                   | mg/kg | 10     | mg/kg |
| RY091-NSB-A  | 09FC-RY091-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 26.4   | mg/kg |
| RY091-NSB-A  | 09FC-RY091-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 114    | mg/kg |
| RY091-NSB-A  | 09FC-RY091-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | BERYLLIUM     | 0.5                 | Y           | U             | U            | J         | 0.5                 | mg/kg | 0.5    | mg/kg |
| RY091-NSB-A  | 09FC-RY091-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 2.1    | mg/kg |
| RY091-NSB-A  | 09FC-RY091-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 5.5    | mg/kg |
| RY091-NSB-A  | 09FC-RY091-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 4.5    | mg/kg |
| RY091-NSB-A  | 09FC-RY091-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | COPPER        | 2.5                 | Y           | J             | J            |           | 2.5                 | mg/kg | 10.3   | mg/kg |
| RY091-NSB-A  | 09FC-RY091-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 8.8    | mg/kg |
| RY091-NSB-A  | 09FC-RY091-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 272    | mg/kg |
| RY091-NSB-A  | 09FC-RY091-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 2360   | mg/kg |
| RY091-NSB-A  | 09FC-RY091-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 2.9    | mg/kg |
| RY091-NSB-A  | 09FC-RY091-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 6880   | mg/kg |
| RY091-NSB-A  | 09FC-RY091-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 9840   | mg/kg |
| RY091-NSB-A  | 09FC-RY091-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | LEAD          | 1                   | Y           | J-            | J-           |           | 1                   | mg/kg | 144    | mg/kg |
| RY091-NSB-A  | 09FC-RY091-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3490   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY091-NSB-A  | 09FC-RY091-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 378    | mg/kg |
| RY091-NSB-A  | 09FC-RY091-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.8    | mg/kg |
| RY091-NSB-A  | 09FC-RY091-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1550   | mg/kg |
| RY091-NSB-A  | 09FC-RY091-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | SILVER        | 1                   | Y           | J+            | J+           | J         | 1                   | mg/kg | 0.87   | mg/kg |
| RY091-NSB-A  | 09FC-RY091-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | SODIUM        | 500                 | Y           | U             | U            | J         | 500                 | mg/kg | 500    | mg/kg |
| RY091-NSB-A  | 09FC-RY091-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | THALLIUM      | 2.5                 | N           | UJ            | UJ           | U         | 2.5                 | mg/kg | 2.8    | mg/kg |
| RY091-NSB-A  | 09FC-RY091-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ANTIMONY      | 6                   | Y           |               |              |           | 6                   | mg/kg | 11.2   | mg/kg |
| RY091-NSB-A  | 09FC-RY091-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 23.9   | mg/kg |
| RY091-NSB-A  | 09FC-RY091-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 125    | mg/kg |
| RY091-NSB-A  | 09FC-RY091-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | BERYLLIUM     | 0.5                 | Y           | U             | U            | J         | 0.5                 | mg/kg | 0.5    | mg/kg |
| RY091-NSB-A  | 09FC-RY091-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 1.7    | mg/kg |
| RY091-NSB-A  | 09FC-RY091-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 6.1    | mg/kg |
| RY091-NSB-A  | 09FC-RY091-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.7    | mg/kg |
| RY091-NSB-A  | 09FC-RY091-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | COPPER        | 2.5                 | Y           | J             | J            |           | 2.5                 | mg/kg | 10.8   | mg/kg |
| RY091-NSB-A  | 09FC-RY091-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 9.6    | mg/kg |
| RY091-NSB-A  | 09FC-RY091-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 228    | mg/kg |
| RY091-NSB-A  | 09FC-RY091-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 2540   | mg/kg |
| RY091-NSB-A  | 09FC-RY091-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.9    | mg/kg |
| RY091-NSB-D  | 09FC-RY091-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 3140   | mg/kg |
| RY091-NSB-D  | 09FC-RY091-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 16200  | mg/kg |
| RY091-NSB-D  | 09FC-RY091-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | LEAD          | 1                   | Y           | J-            | J-           |           | 1                   | mg/kg | 2570   | mg/kg |
| RY091-NSB-D  | 09FC-RY091-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2840   | mg/kg |
| RY091-NSB-D  | 09FC-RY091-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 977    | mg/kg |
| RY091-NSB-D  | 09FC-RY091-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 5.8    | mg/kg |
| RY091-NSB-D  | 09FC-RY091-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 776    | mg/kg |
| RY091-NSB-D  | 09FC-RY091-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | SILVER        | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 13.1   | mg/kg |
| RY091-NSB-D  | 09FC-RY091-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | SODIUM        | 500                 | Y           | U             | U            | J         | 500                 | mg/kg | 500    | mg/kg |
| RY091-NSB-D  | 09FC-RY091-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | THALLIUM      | 2.5                 | N           | UJ            | UJ           | U         | 2.5                 | mg/kg | 1.9    | mg/kg |
| RY091-NSB-D  | 09FC-RY091-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ANTIMONY      | 6                   | Y           |               |              |           | 6                   | mg/kg | 463    | mg/kg |
| RY091-NSB-D  | 09FC-RY091-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 205    | mg/kg |
| RY091-NSB-D  | 09FC-RY091-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 54.7   | mg/kg |
| RY091-NSB-D  | 09FC-RY091-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | BERYLLIUM     | 0.5                 | Y           | U             | U            | J         | 0.5                 | mg/kg | 0.5    | mg/kg |
| RY091-NSB-D  | 09FC-RY091-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 9.8    | mg/kg |
| RY091-NSB-D  | 09FC-RY091-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 4.6    | mg/kg |
| RY091-NSB-D  | 09FC-RY091-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 3.4    | mg/kg |
| RY091-NSB-D  | 09FC-RY091-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | COPPER        | 2.5                 | Y           | J             | J            |           | 2.5                 | mg/kg | 14.5   | mg/kg |
| RY091-NSB-D  | 09FC-RY091-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 5      | mg/kg |
| RY091-NSB-D  | 09FC-RY091-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 1550   | mg/kg |
| RY091-NSB-D  | 09FC-RY091-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 5960   | mg/kg |
| RY091-NSB-D  | 09FC-RY091-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 2.6    | mg/kg |
| RY091-NSB-D  | 09FC-RY091-NSB-D-02006  | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 3490   | mg/kg |
| RY091-NSB-D  | 09FC-RY091-NSB-D-02006  | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 13300  | mg/kg |
| RY091-NSB-D  | 09FC-RY091-NSB-D-02006  | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | LEAD          | 1                   | Y           | J-            | J-           |           | 1                   | mg/kg | 1110   | mg/kg |
| RY091-NSB-D  | 09FC-RY091-NSB-D-02006  | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3030   | mg/kg |
| RY091-NSB-D  | 09FC-RY091-NSB-D-02006  | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 692    | mg/kg |
| RY091-NSB-D  | 09FC-RY091-NSB-D-02006  | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.2    | mg/kg |
| RY091-NSB-D  | 09FC-RY091-NSB-D-02006  | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 939    | mg/kg |
| RY091-NSB-D  | 09FC-RY091-NSB-D-02006  | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | SILVER        | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 8.8    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY091-NSB-D  | 09FC-RY091-NSB-D-02006  | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | SODIUM        | 500                 | Y           | U             | U            | J         | 500                 | mg/kg | 500    | mg/kg |
| RY091-NSB-D  | 09FC-RY091-NSB-D-02006  | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | THALLIUM      | 2.5                 | N           | UJ            | UJ           | U         | 2.5                 | mg/kg | 2.4    | mg/kg |
| RY091-NSB-D  | 09FC-RY091-NSB-D-02006  | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | ANTIMONY      | 6                   | Y           |               |              |           | 6                   | mg/kg | 116    | mg/kg |
| RY091-NSB-D  | 09FC-RY091-NSB-D-02006  | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 182    | mg/kg |
| RY091-NSB-D  | 09FC-RY091-NSB-D-02006  | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 56.7   | mg/kg |
| RY091-NSB-D  | 09FC-RY091-NSB-D-02006  | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | BERYLLIUM     | 0.5                 | Y           | U             | U            | J         | 0.5                 | mg/kg | 0.5    | mg/kg |
| RY091-NSB-D  | 09FC-RY091-NSB-D-02006  | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 10.1   | mg/kg |
| RY091-NSB-D  | 09FC-RY091-NSB-D-02006  | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 7.1    | mg/kg |
| RY091-NSB-D  | 09FC-RY091-NSB-D-02006  | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 3.5    | mg/kg |
| RY091-NSB-D  | 09FC-RY091-NSB-D-02006  | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | COPPER        | 2.5                 | Y           | J             | J            |           | 2.5                 | mg/kg | 12.6   | mg/kg |
| RY091-NSB-D  | 09FC-RY091-NSB-D-02006  | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 5.5    | mg/kg |
| RY091-NSB-D  | 09FC-RY091-NSB-D-02006  | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 1760   | mg/kg |
| RY091-NSB-D  | 09FC-RY091-NSB-D-02006  | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 6040   | mg/kg |
| RY091-NSB-D  | 09FC-RY091-NSB-D-02006  | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.3    | mg/kg |
| RY091-NSB-F  | 09FC-RY091-NSB-F-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 5440   | mg/kg |
| RY091-NSB-F  | 09FC-RY091-NSB-F-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 9670   | mg/kg |
| RY091-NSB-F  | 09FC-RY091-NSB-F-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | LEAD          | 1                   | Y           | J-            | J-           |           | 1                   | mg/kg | 134    | mg/kg |
| RY091-NSB-F  | 09FC-RY091-NSB-F-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3300   | mg/kg |
| RY091-NSB-F  | 09FC-RY091-NSB-F-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 365    | mg/kg |
| RY091-NSB-F  | 09FC-RY091-NSB-F-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.8    | mg/kg |
| RY091-NSB-F  | 09FC-RY091-NSB-F-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1180   | mg/kg |
| RY091-NSB-F  | 09FC-RY091-NSB-F-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | SILVER        | 1                   | Y           | J+            | J+           | J         | 1                   | mg/kg | 0.65   | mg/kg |
| RY091-NSB-F  | 09FC-RY091-NSB-F-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | SODIUM        | 500                 | Y           | U             | U            | J         | 500                 | mg/kg | 500    | mg/kg |
| RY091-NSB-F  | 09FC-RY091-NSB-F-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | THALLIUM      | 2.5                 | N           | UJ            | UJ           | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY091-NSB-F  | 09FC-RY091-NSB-F-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | ANTIMONY      | 6                   | Y           |               |              |           | 6                   | mg/kg | 9.2    | mg/kg |
| RY091-NSB-F  | 09FC-RY091-NSB-F-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 14.6   | mg/kg |
| RY091-NSB-F  | 09FC-RY091-NSB-F-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 125    | mg/kg |
| RY091-NSB-F  | 09FC-RY091-NSB-F-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | BERYLLIUM     | 0.5                 | Y           | U             | U            | J         | 0.5                 | mg/kg | 0.5    | mg/kg |
| RY091-NSB-F  | 09FC-RY091-NSB-F-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 1.6    | mg/kg |
| RY091-NSB-F  | 09FC-RY091-NSB-F-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 5.5    | mg/kg |
| RY091-NSB-F  | 09FC-RY091-NSB-F-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.3    | mg/kg |
| RY091-NSB-F  | 09FC-RY091-NSB-F-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | COPPER        | 2.5                 | Y           | J             | J            |           | 2.5                 | mg/kg | 12.1   | mg/kg |
| RY091-NSB-F  | 09FC-RY091-NSB-F-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 8.4    | mg/kg |
| RY091-NSB-F  | 09FC-RY091-NSB-F-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 322    | mg/kg |
| RY091-NSB-F  | 09FC-RY091-NSB-F-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 5190   | mg/kg |
| RY091-NSB-F  | 09FC-RY091-NSB-F-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.6    | mg/kg |
| RY091-NSB-F  | 09FC-RY091-NSB-F-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 6160   | mg/kg |
| RY091-NSB-F  | 09FC-RY091-NSB-F-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 9200   | mg/kg |
| RY091-NSB-F  | 09FC-RY091-NSB-F-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | LEAD          | 1                   | Y           | J-            | J-           |           | 1                   | mg/kg | 62.6   | mg/kg |
| RY091-NSB-F  | 09FC-RY091-NSB-F-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3230   | mg/kg |
| RY091-NSB-F  | 09FC-RY091-NSB-F-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 316    | mg/kg |
| RY091-NSB-F  | 09FC-RY091-NSB-F-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.6    | mg/kg |
| RY091-NSB-F  | 09FC-RY091-NSB-F-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1240   | mg/kg |
| RY091-NSB-F  | 09FC-RY091-NSB-F-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | SILVER        | 1                   | Y           | J+            | J+           | J         | 1                   | mg/kg | 0.19   | mg/kg |
| RY091-NSB-F  | 09FC-RY091-NSB-F-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | SODIUM        | 500                 | Y           | U             | U            | J         | 500                 | mg/kg | 500    | mg/kg |
| RY091-NSB-F  | 09FC-RY091-NSB-F-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | THALLIUM      | 2.5                 | N           | UJ            | UJ           | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY091-NSB-F  | 09FC-RY091-NSB-F-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ANTIMONY      | 6                   | Y           | J             |              | J         | 6                   | mg/kg | 6.2    | mg/kg |
| RY091-NSB-F  | 09FC-RY091-NSB-F-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 9.2    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY091-NSB-F  | 09FC-RY091-NSB-F-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 135    | mg/kg |
| RY091-NSB-F  | 09FC-RY091-NSB-F-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | BERYLLIUM     | 0.5                 | Y           | U             | U            | J         | 0.5                 | mg/kg | 0.5    | mg/kg |
| RY091-NSB-F  | 09FC-RY091-NSB-F-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 0.85   | mg/kg |
| RY091-NSB-F  | 09FC-RY091-NSB-F-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 6.4    | mg/kg |
| RY091-NSB-F  | 09FC-RY091-NSB-F-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.5    | mg/kg |
| RY091-NSB-F  | 09FC-RY091-NSB-F-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | COPPER        | 2.5                 | Y           | J             | J            |           | 2.5                 | mg/kg | 11     | mg/kg |
| RY091-NSB-F  | 09FC-RY091-NSB-F-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 10.4   | mg/kg |
| RY091-NSB-F  | 09FC-RY091-NSB-F-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 124    | mg/kg |
| RY091-NSB-F  | 09FC-RY091-NSB-F-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 3510   | mg/kg |
| RY091-NSB-F  | 09FC-RY091-NSB-F-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.6    | mg/kg |
| RY091-NSS-D  | 09FC-RY091-NSS-D-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 3230   | mg/kg |
| RY091-NSS-D  | 09FC-RY091-NSS-D-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 16400  | mg/kg |
| RY091-NSS-D  | 09FC-RY091-NSS-D-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | LEAD          | 1                   | Y           | J-            | J-           |           | 1                   | mg/kg | 3310   | mg/kg |
| RY091-NSS-D  | 09FC-RY091-NSS-D-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3300   | mg/kg |
| RY091-NSS-D  | 09FC-RY091-NSS-D-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 946    | mg/kg |
| RY091-NSS-D  | 09FC-RY091-NSS-D-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.5    | mg/kg |
| RY091-NSS-D  | 09FC-RY091-NSS-D-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 921    | mg/kg |
| RY091-NSS-D  | 09FC-RY091-NSS-D-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | SILVER        | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 24.4   | mg/kg |
| RY091-NSS-D  | 09FC-RY091-NSS-D-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | SODIUM        | 500                 | Y           | U             | U            | J         | 500                 | mg/kg | 500    | mg/kg |
| RY091-NSS-D  | 09FC-RY091-NSS-D-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | THALLIUM      | 2.5                 | N           | UJ            | UJ           | U         | 2.5                 | mg/kg | 2.3    | mg/kg |
| RY091-NSS-D  | 09FC-RY091-NSS-D-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ANTIMONY      | 6                   | Y           |               |              |           | 6                   | mg/kg | 155    | mg/kg |
| RY091-NSS-D  | 09FC-RY091-NSS-D-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 276    | mg/kg |
| RY091-NSS-D  | 09FC-RY091-NSS-D-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 52     | mg/kg |
| RY091-NSS-D  | 09FC-RY091-NSS-D-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | BERYLLIUM     | 0.5                 | Y           | U             | U            | J         | 0.5                 | mg/kg | 0.5    | mg/kg |
| RY091-NSS-D  | 09FC-RY091-NSS-D-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 10.7   | mg/kg |
| RY091-NSS-D  | 09FC-RY091-NSS-D-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 4.9    | mg/kg |
| RY091-NSS-D  | 09FC-RY091-NSS-D-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.1    | mg/kg |
| RY091-NSS-D  | 09FC-RY091-NSS-D-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | COPPER        | 2.5                 | Y           | J             | J            |           | 2.5                 | mg/kg | 13.6   | mg/kg |
| RY091-NSS-D  | 09FC-RY091-NSS-D-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 5.4    | mg/kg |
| RY091-NSS-D  | 09FC-RY091-NSS-D-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 1750   | mg/kg |
| RY091-NSS-D  | 09FC-RY091-NSS-D-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 7870   | mg/kg |
| RY091-NSS-D  | 09FC-RY091-NSS-D-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.2    | mg/kg |
| RY091-NSS-E  | 09FC-RY091-NSS-E-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 3580   | mg/kg |
| RY091-NSS-E  | 09FC-RY091-NSS-E-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 16000  | mg/kg |
| RY091-NSS-E  | 09FC-RY091-NSS-E-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | LEAD          | 1                   | Y           | J-            | J-           |           | 1                   | mg/kg | 1670   | mg/kg |
| RY091-NSS-E  | 09FC-RY091-NSS-E-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3850   | mg/kg |
| RY091-NSS-E  | 09FC-RY091-NSS-E-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 984    | mg/kg |
| RY091-NSS-E  | 09FC-RY091-NSS-E-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 7.6    | mg/kg |
| RY091-NSS-E  | 09FC-RY091-NSS-E-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 920    | mg/kg |
| RY091-NSS-E  | 09FC-RY091-NSS-E-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | SILVER        | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 12.8   | mg/kg |
| RY091-NSS-E  | 09FC-RY091-NSS-E-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | SODIUM        | 500                 | Y           | U             | U            | J         | 500                 | mg/kg | 500    | mg/kg |
| RY091-NSS-E  | 09FC-RY091-NSS-E-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | THALLIUM      | 2.5                 | N           | UJ            | UJ           | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY091-NSS-E  | 09FC-RY091-NSS-E-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ANTIMONY      | 6                   | Y           |               |              |           | 6                   | mg/kg | 155    | mg/kg |
| RY091-NSS-E  | 09FC-RY091-NSS-E-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 298    | mg/kg |
| RY091-NSS-E  | 09FC-RY091-NSS-E-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 63.1   | mg/kg |
| RY091-NSS-E  | 09FC-RY091-NSS-E-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | BERYLLIUM     | 0.5                 | Y           | U             | U            | J         | 0.5                 | mg/kg | 0.5    | mg/kg |
| RY091-NSS-E  | 09FC-RY091-NSS-E-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 11     | mg/kg |
| RY091-NSS-E  | 09FC-RY091-NSS-E-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 4.9    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY091-NSS-E  | 09FC-RY091-NSS-E-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.7    | mg/kg |
| RY091-NSS-E  | 09FC-RY091-NSS-E-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | COPPER        | 2.5                 | Y           | J             | J            |           | 2.5                 | mg/kg | 20.9   | mg/kg |
| RY091-NSS-E  | 09FC-RY091-NSS-E-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 5.5    | mg/kg |
| RY091-NSS-E  | 09FC-RY091-NSS-E-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 1860   | mg/kg |
| RY091-NSS-E  | 09FC-RY091-NSS-E-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 7720   | mg/kg |
| RY091-NSS-E  | 09FC-RY091-NSS-E-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.6    | mg/kg |
| RY091-NSS-F  | 09FC-RY091-NSS-F-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 5480   | mg/kg |
| RY091-NSS-F  | 09FC-RY091-NSS-F-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 9250   | mg/kg |
| RY091-NSS-F  | 09FC-RY091-NSS-F-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 101    | mg/kg |
| RY091-NSS-F  | 09FC-RY091-NSS-F-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3050   | mg/kg |
| RY091-NSS-F  | 09FC-RY091-NSS-F-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 298    | mg/kg |
| RY091-NSS-F  | 09FC-RY091-NSS-F-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.6    | mg/kg |
| RY091-NSS-F  | 09FC-RY091-NSS-F-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1320   | mg/kg |
| RY091-NSS-F  | 09FC-RY091-NSS-F-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | SILVER        | 1                   | Y           | J+            | J+           | J         | 1                   | mg/kg | 0.93   | mg/kg |
| RY091-NSS-F  | 09FC-RY091-NSS-F-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | SODIUM        | 500                 | Y           | U             | U            | J         | 500                 | mg/kg | 500    | mg/kg |
| RY091-NSS-F  | 09FC-RY091-NSS-F-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | THALLIUM      | 2.5                 | N           | UJ            | UJ           | U         | 2.5                 | mg/kg | 2.5    | mg/kg |
| RY091-NSS-F  | 09FC-RY091-NSS-F-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ANTIMONY      | 6                   | Y           |               |              |           | 6                   | mg/kg | 7.3    | mg/kg |
| RY091-NSS-F  | 09FC-RY091-NSS-F-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 13.7   | mg/kg |
| RY091-NSS-F  | 09FC-RY091-NSS-F-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 117    | mg/kg |
| RY091-NSS-F  | 09FC-RY091-NSS-F-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | BERYLLIUM     | 0.5                 | Y           | U             | U            | J         | 0.5                 | mg/kg | 0.5    | mg/kg |
| RY091-NSS-F  | 09FC-RY091-NSS-F-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 1.2    | mg/kg |
| RY091-NSS-F  | 09FC-RY091-NSS-F-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 6      | mg/kg |
| RY091-NSS-F  | 09FC-RY091-NSS-F-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.2    | mg/kg |
| RY091-NSS-F  | 09FC-RY091-NSS-F-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | COPPER        | 2.5                 | Y           | J             | J            |           | 2.5                 | mg/kg | 12.8   | mg/kg |
| RY091-NSS-F  | 09FC-RY091-NSS-F-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 9.2    | mg/kg |
| RY091-NSS-F  | 09FC-RY091-NSS-F-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 207    | mg/kg |
| RY091-NSS-F  | 09FC-RY091-NSS-F-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 3440   | mg/kg |
| RY091-NSS-F  | 09FC-RY091-NSS-F-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/21/2009    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.5    | mg/kg |
| RY092-DSB-E  | 09FC-RY092-DSB-E-002006 | 8/19/2009   | FD          | 2           | 6         | in         | C200.7          | 10/21/2009    | ALUMINUM      | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 9510   | mg/kg |
| RY092-DSB-E  | 09FC-RY092-DSB-E-002006 | 8/19/2009   | FD          | 2           | 6         | in         | C200.7          | 10/21/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 11800  | mg/kg |
| RY092-DSB-E  | 09FC-RY092-DSB-E-002006 | 8/19/2009   | FD          | 2           | 6         | in         | C200.7          | 10/21/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 218    | mg/kg |
| RY092-DSB-E  | 09FC-RY092-DSB-E-002006 | 8/19/2009   | FD          | 2           | 6         | in         | C200.7          | 10/21/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 5010   | mg/kg |
| RY092-DSB-E  | 09FC-RY092-DSB-E-002006 | 8/19/2009   | FD          | 2           | 6         | in         | C200.7          | 10/21/2009    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 488    | mg/kg |
| RY092-DSB-E  | 09FC-RY092-DSB-E-002006 | 8/19/2009   | FD          | 2           | 6         | in         | C200.7          | 10/21/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.6    | mg/kg |
| RY092-DSB-E  | 09FC-RY092-DSB-E-002006 | 8/19/2009   | FD          | 2           | 6         | in         | C200.7          | 10/21/2009    | POTASSIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 1430   | mg/kg |
| RY092-DSB-E  | 09FC-RY092-DSB-E-002006 | 8/19/2009   | FD          | 2           | 6         | in         | C200.7          | 10/21/2009    | SILVER        | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 1.4    | mg/kg |
| RY092-DSB-E  | 09FC-RY092-DSB-E-002006 | 8/19/2009   | FD          | 2           | 6         | in         | C200.7          | 10/21/2009    | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY092-DSB-E  | 09FC-RY092-DSB-E-002006 | 8/19/2009   | FD          | 2           | 6         | in         | C200.7          | 10/21/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 3      | mg/kg |
| RY092-DSB-E  | 09FC-RY092-DSB-E-002006 | 8/19/2009   | FD          | 2           | 6         | in         | C200.7          | 10/21/2009    | ANTIMONY      | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 25.8   | mg/kg |
| RY092-DSB-E  | 09FC-RY092-DSB-E-002006 | 8/19/2009   | FD          | 2           | 6         | in         | C200.7          | 10/21/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 25.8   | mg/kg |
| RY092-DSB-E  | 09FC-RY092-DSB-E-002006 | 8/19/2009   | FD          | 2           | 6         | in         | C200.7          | 10/21/2009    | BARIUM        | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 153    | mg/kg |
| RY092-DSB-E  | 09FC-RY092-DSB-E-002006 | 8/19/2009   | FD          | 2           | 6         | in         | C200.7          | 10/21/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.53   | mg/kg |
| RY092-DSB-E  | 09FC-RY092-DSB-E-002006 | 8/19/2009   | FD          | 2           | 6         | in         | C200.7          | 10/21/2009    | CADMIUM       | 0.5                 | Y           | J             | J            |           | 0.5                 | mg/kg | 1.2    | mg/kg |
| RY092-DSB-E  | 09FC-RY092-DSB-E-002006 | 8/19/2009   | FD          | 2           | 6         | in         | C200.7          | 10/21/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 6.8    | mg/kg |
| RY092-DSB-E  | 09FC-RY092-DSB-E-002006 | 8/19/2009   | FD          | 2           | 6         | in         | C200.7          | 10/21/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 5.4    | mg/kg |
| RY092-DSB-E  | 09FC-RY092-DSB-E-002006 | 8/19/2009   | FD          | 2           | 6         | in         | C200.7          | 10/21/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 12.3   | mg/kg |
| RY092-DSB-E  | 09FC-RY092-DSB-E-002006 | 8/19/2009   | FD          | 2           | 6         | in         | C200.7          | 10/21/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 14     | mg/kg |
| RY092-DSB-E  | 09FC-RY092-DSB-E-002006 | 8/19/2009   | FD          | 2           | 6         | in         | C200.7          | 10/21/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 367    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                         |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY092-DSB-E  | 09FC-RY092-DSB-E-002006 | 8/19/2009   | FD          | 2           | 6         | in         | C200.7          | 10/21/2009    | CALCIUM       | 500           | Y           | J             | J            |           | 500                 | mg/kg | 5970   | mg/kg |
| RY092-DSB-E  | 09FC-RY092-DSB-E-002006 | 8/19/2009   | FD          | 2           | 6         | in         | C200.7          | 10/21/2009    | SELENIUM      | 3.5           | Y           | U             | U            | J         | 3.5                 | mg/kg | 3.5    | mg/kg |
| RY092-NSB-C  | 09FC-RY092-NSB-C-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | ALUMINUM      | 20            | Y           | J             | J            |           | 20                  | mg/kg | 6540   | mg/kg |
| RY092-NSB-C  | 09FC-RY092-NSB-C-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | IRON          | 10            | Y           | J             | J            |           | 10                  | mg/kg | 19900  | mg/kg |
| RY092-NSB-C  | 09FC-RY092-NSB-C-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | LEAD          | 1             | Y           |               |              |           | 1                   | mg/kg | 1860   | mg/kg |
| RY092-NSB-C  | 09FC-RY092-NSB-C-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 4040   | mg/kg |
| RY092-NSB-C  | 09FC-RY092-NSB-C-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | MANGANESE     | 1.5           | Y           | J             | J            |           | 1.5                 | mg/kg | 1240   | mg/kg |
| RY092-NSB-C  | 09FC-RY092-NSB-C-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | NICKEL        | 4             | Y           |               |              |           | 4                   | mg/kg | 7.2    | mg/kg |
| RY092-NSB-C  | 09FC-RY092-NSB-C-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | POTASSIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 1200   | mg/kg |
| RY092-NSB-C  | 09FC-RY092-NSB-C-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | SILVER        | 1             | Y           | J             | J            |           | 1                   | mg/kg | 17.6   | mg/kg |
| RY092-NSB-C  | 09FC-RY092-NSB-C-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | SODIUM        | 500           | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY092-NSB-C  | 09FC-RY092-NSB-C-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.7    | mg/kg |
| RY092-NSB-C  | 09FC-RY092-NSB-C-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | ANTIMONY      | 6             | Y           | J             | J            |           | 6                   | mg/kg | 160    | mg/kg |
| RY092-NSB-C  | 09FC-RY092-NSB-C-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | ARSENIC       | 1             | Y           | J             | J            |           | 1                   | mg/kg | 242    | mg/kg |
| RY092-NSB-C  | 09FC-RY092-NSB-C-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | BARIUM        | 20            | Y           | J             | J            |           | 20                  | mg/kg | 103    | mg/kg |
| RY092-NSB-C  | 09FC-RY092-NSB-C-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | BERYLLIUM     | 0.5           | Y           | J             |              | J         | 0.5                 | mg/kg | 0.4    | mg/kg |
| RY092-NSB-C  | 09FC-RY092-NSB-C-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | CADMIUM       | 0.5           | Y           |               |              |           | 0.5                 | mg/kg | 9.7    | mg/kg |
| RY092-NSB-C  | 09FC-RY092-NSB-C-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | CHROMIUM      | 1             | Y           |               |              |           | 1                   | mg/kg | 5.2    | mg/kg |
| RY092-NSB-C  | 09FC-RY092-NSB-C-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | COBALT        | 5             | Y           | J             |              | J         | 5                   | mg/kg | 5.2    | mg/kg |
| RY092-NSB-C  | 09FC-RY092-NSB-C-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | COPPER        | 2.5           | Y           |               |              |           | 2.5                 | mg/kg | 20     | mg/kg |
| RY092-NSB-C  | 09FC-RY092-NSB-C-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | VANADIUM      | 5             | Y           |               |              |           | 5                   | mg/kg | 9.4    | mg/kg |
| RY092-NSB-C  | 09FC-RY092-NSB-C-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | ZINC          | 6             | Y           | J             | J            |           | 6                   | mg/kg | 2010   | mg/kg |
| RY092-NSB-C  | 09FC-RY092-NSB-C-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | CALCIUM       | 500           | Y           | J             | J            |           | 500                 | mg/kg | 8250   | mg/kg |
| RY092-NSB-C  | 09FC-RY092-NSB-C-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | SELENIUM      | 3.5           | Y           | U             | U            | J         | 3.5                 | mg/kg | 3.5    | mg/kg |
| RY092-NSB-C  | 09FC-RY092-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | ALUMINUM      | 20            | Y           | J             | J            |           | 20                  | mg/kg | 6330   | mg/kg |
| RY092-NSB-C  | 09FC-RY092-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | IRON          | 10            | Y           | J             | J            |           | 10                  | mg/kg | 21300  | mg/kg |
| RY092-NSB-C  | 09FC-RY092-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | LEAD          | 1             | Y           |               |              |           | 1                   | mg/kg | 1500   | mg/kg |
| RY092-NSB-C  | 09FC-RY092-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 4640   | mg/kg |
| RY092-NSB-C  | 09FC-RY092-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | MANGANESE     | 1.5           | Y           | J             | J            |           | 1.5                 | mg/kg | 1460   | mg/kg |
| RY092-NSB-C  | 09FC-RY092-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | NICKEL        | 4             | Y           |               |              |           | 4                   | mg/kg | 7.3    | mg/kg |
| RY092-NSB-C  | 09FC-RY092-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | POTASSIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 1020   | mg/kg |
| RY092-NSB-C  | 09FC-RY092-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | SILVER        | 1             | Y           | J+            | J+           |           | 1                   | mg/kg | 9.4    | mg/kg |
| RY092-NSB-C  | 09FC-RY092-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | SODIUM        | 500           | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY092-NSB-C  | 09FC-RY092-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 1.9    | mg/kg |
| RY092-NSB-C  | 09FC-RY092-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | ANTIMONY      | 6             | Y           | J             | J            |           | 6                   | mg/kg | 187    | mg/kg |
| RY092-NSB-C  | 09FC-RY092-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | ARSENIC       | 1             | Y           | J             | J            | J         | 1                   | mg/kg | 274    | mg/kg |
| RY092-NSB-C  | 09FC-RY092-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | BARIUM        | 20            | Y           | J             | J            |           | 20                  | mg/kg | 92.7   | mg/kg |
| RY092-NSB-C  | 09FC-RY092-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | BERYLLIUM     | 0.5           | Y           | J             |              | J         | 0.5                 | mg/kg | 0.3    | mg/kg |
| RY092-NSB-C  | 09FC-RY092-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | CADMIUM       | 0.5           | Y           |               |              |           | 0.5                 | mg/kg | 12.1   | mg/kg |
| RY092-NSB-C  | 09FC-RY092-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | CHROMIUM      | 1             | Y           |               |              |           | 1                   | mg/kg | 4.4    | mg/kg |
| RY092-NSB-C  | 09FC-RY092-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | COBALT        | 5             | Y           |               |              |           | 5                   | mg/kg | 5.7    | mg/kg |
| RY092-NSB-C  | 09FC-RY092-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | COPPER        | 2.5           | Y           |               |              |           | 2.5                 | mg/kg | 20.2   | mg/kg |
| RY092-NSB-C  | 09FC-RY092-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | VANADIUM      | 5             | Y           |               |              |           | 5                   | mg/kg | 8.6    | mg/kg |
| RY092-NSB-C  | 09FC-RY092-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | ZINC          | 6             | Y           | J             | J            |           | 6                   | mg/kg | 1960   | mg/kg |
| RY092-NSB-C  | 09FC-RY092-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | CALCIUM       | 500           | Y           | J             | J            |           | 500                 | mg/kg | 12400  | mg/kg |
| RY092-NSB-C  | 09FC-RY092-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | SELENIUM      | 3.5           | Y           | J             |              | J         | 3.5                 | mg/kg | 1.7    | mg/kg |
| RY092-NSB-D  | 09FC-RY092-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | ALUMINUM      | 20            | Y           | J             | J            |           | 20                  | mg/kg | 7920   | mg/kg |
| RY092-NSB-D  | 09FC-RY092-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | IRON          | 10            | Y           | J             | J            |           | 10                  | mg/kg | 12800  | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY092-NSB-D  | 09FC-RY092-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 588    | mg/kg |
| RY092-NSB-D  | 09FC-RY092-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 3480   | mg/kg |
| RY092-NSB-D  | 09FC-RY092-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 533    | mg/kg |
| RY092-NSB-D  | 09FC-RY092-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.7    | mg/kg |
| RY092-NSB-D  | 09FC-RY092-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | POTASSIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 1380   | mg/kg |
| RY092-NSB-D  | 09FC-RY092-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | SILVER        | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 6      | mg/kg |
| RY092-NSB-D  | 09FC-RY092-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY092-NSB-D  | 09FC-RY092-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.5    | mg/kg |
| RY092-NSB-D  | 09FC-RY092-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | ANTIMONY      | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 30.9   | mg/kg |
| RY092-NSB-D  | 09FC-RY092-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 51.8   | mg/kg |
| RY092-NSB-D  | 09FC-RY092-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | BARIUM        | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 107    | mg/kg |
| RY092-NSB-D  | 09FC-RY092-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.39   | mg/kg |
| RY092-NSB-D  | 09FC-RY092-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 62.4   | mg/kg |
| RY092-NSB-D  | 09FC-RY092-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 5.5    | mg/kg |
| RY092-NSB-D  | 09FC-RY092-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.8    | mg/kg |
| RY092-NSB-D  | 09FC-RY092-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 12.9   | mg/kg |
| RY092-NSB-D  | 09FC-RY092-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 10.1   | mg/kg |
| RY092-NSB-D  | 09FC-RY092-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 10500  | mg/kg |
| RY092-NSB-D  | 09FC-RY092-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 10100  | mg/kg |
| RY092-NSB-D  | 09FC-RY092-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.98   | mg/kg |
| RY092-NSB-E  | 09FC-RY092-NSB-E-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | ALUMINUM      | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 10100  | mg/kg |
| RY092-NSB-E  | 09FC-RY092-NSB-E-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 11400  | mg/kg |
| RY092-NSB-E  | 09FC-RY092-NSB-E-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 203    | mg/kg |
| RY092-NSB-E  | 09FC-RY092-NSB-E-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 4020   | mg/kg |
| RY092-NSB-E  | 09FC-RY092-NSB-E-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 437    | mg/kg |
| RY092-NSB-E  | 09FC-RY092-NSB-E-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 7.2    | mg/kg |
| RY092-NSB-E  | 09FC-RY092-NSB-E-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | POTASSIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 1550   | mg/kg |
| RY092-NSB-E  | 09FC-RY092-NSB-E-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | SILVER        | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 1.2    | mg/kg |
| RY092-NSB-E  | 09FC-RY092-NSB-E-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY092-NSB-E  | 09FC-RY092-NSB-E-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.8    | mg/kg |
| RY092-NSB-E  | 09FC-RY092-NSB-E-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | ANTIMONY      | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 14.4   | mg/kg |
| RY092-NSB-E  | 09FC-RY092-NSB-E-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 24.6   | mg/kg |
| RY092-NSB-E  | 09FC-RY092-NSB-E-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | BARIUM        | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 158    | mg/kg |
| RY092-NSB-E  | 09FC-RY092-NSB-E-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.48   | mg/kg |
| RY092-NSB-E  | 09FC-RY092-NSB-E-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | CADMIUM       | 0.5                 | Y           | J             | J            |           | 0.5                 | mg/kg | 2      | mg/kg |
| RY092-NSB-E  | 09FC-RY092-NSB-E-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 6.7    | mg/kg |
| RY092-NSB-E  | 09FC-RY092-NSB-E-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 5.6    | mg/kg |
| RY092-NSB-E  | 09FC-RY092-NSB-E-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 13.3   | mg/kg |
| RY092-NSB-E  | 09FC-RY092-NSB-E-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 14     | mg/kg |
| RY092-NSB-E  | 09FC-RY092-NSB-E-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 358    | mg/kg |
| RY092-NSB-E  | 09FC-RY092-NSB-E-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 4540   | mg/kg |
| RY092-NSB-E  | 09FC-RY092-NSB-E-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.89   | mg/kg |
| RY092-NSB-E  | 09FC-RY092-NSB-E-06012  | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | ALUMINUM      | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 9390   | mg/kg |
| RY092-NSB-E  | 09FC-RY092-NSB-E-06012  | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 10300  | mg/kg |
| RY092-NSB-E  | 09FC-RY092-NSB-E-06012  | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 64.7   | mg/kg |
| RY092-NSB-E  | 09FC-RY092-NSB-E-06012  | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 3720   | mg/kg |
| RY092-NSB-E  | 09FC-RY092-NSB-E-06012  | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 351    | mg/kg |
| RY092-NSB-E  | 09FC-RY092-NSB-E-06012  | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.6    | mg/kg |



## Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                         |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY092-NSB-E  | 09FC-RY092-NSB-E-06012  | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | POTASSIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 1250   | mg/kg |
| RY092-NSB-E  | 09FC-RY092-NSB-E-06012  | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | SILVER        | 1             | Y           | J+            | J+           | J         | 1                   | mg/kg | 0.5    | mg/kg |
| RY092-NSB-E  | 09FC-RY092-NSB-E-06012  | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | SODIUM        | 500           | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY092-NSB-E  | 09FC-RY092-NSB-E-06012  | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2      | mg/kg |
| RY092-NSB-E  | 09FC-RY092-NSB-E-06012  | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | ANTIMONY      | 6             | Y           | J             | J            |           | 6                   | mg/kg | 6.6    | mg/kg |
| RY092-NSB-E  | 09FC-RY092-NSB-E-06012  | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | ARSENIC       | 1             | Y           | J             | J            |           | 1                   | mg/kg | 9.7    | mg/kg |
| RY092-NSB-E  | 09FC-RY092-NSB-E-06012  | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | BARIUM        | 20            | Y           | J             | J            |           | 20                  | mg/kg | 148    | mg/kg |
| RY092-NSB-E  | 09FC-RY092-NSB-E-06012  | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | BERYLLIUM     | 0.5           | Y           |               |              |           | 0.5                 | mg/kg | 0.48   | mg/kg |
| RY092-NSB-E  | 09FC-RY092-NSB-E-06012  | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | CADMIUM       | 0.5           | Y           |               |              |           | 0.5                 | mg/kg | 0.65   | mg/kg |
| RY092-NSB-E  | 09FC-RY092-NSB-E-06012  | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | CHROMIUM      | 1             | Y           |               |              |           | 1                   | mg/kg | 6.2    | mg/kg |
| RY092-NSB-E  | 09FC-RY092-NSB-E-06012  | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | COBALT        | 5             | Y           |               |              |           | 5                   | mg/kg | 5.3    | mg/kg |
| RY092-NSB-E  | 09FC-RY092-NSB-E-06012  | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | COPPER        | 2.5           | Y           |               |              |           | 2.5                 | mg/kg | 10.7   | mg/kg |
| RY092-NSB-E  | 09FC-RY092-NSB-E-06012  | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | VANADIUM      | 5             | Y           |               |              |           | 5                   | mg/kg | 13.5   | mg/kg |
| RY092-NSB-E  | 09FC-RY092-NSB-E-06012  | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | ZINC          | 6             | Y           | J             | J            |           | 6                   | mg/kg | 114    | mg/kg |
| RY092-NSB-E  | 09FC-RY092-NSB-E-06012  | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | CALCIUM       | 500           | Y           | J             | J            |           | 500                 | mg/kg | 3930   | mg/kg |
| RY092-NSB-E  | 09FC-RY092-NSB-E-06012  | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | SELENIUM      | 3.5           | Y           | J             |              | J         | 3.5                 | mg/kg | 0.88   | mg/kg |
| RY092-NSS-C  | 09FC-RY092-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | ALUMINUM      | 20            | Y           | J             | J            |           | 20                  | mg/kg | 5350   | mg/kg |
| RY092-NSS-C  | 09FC-RY092-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | IRON          | 10            | Y           | J             | J            |           | 10                  | mg/kg | 12500  | mg/kg |
| RY092-NSS-C  | 09FC-RY092-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | LEAD          | 1             | Y           |               |              |           | 1                   | mg/kg | 904    | mg/kg |
| RY092-NSS-C  | 09FC-RY092-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 2880   | mg/kg |
| RY092-NSS-C  | 09FC-RY092-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | MANGANESE     | 1.5           | Y           | J             | J            |           | 1.5                 | mg/kg | 672    | mg/kg |
| RY092-NSS-C  | 09FC-RY092-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | NICKEL        | 4             | Y           |               |              |           | 4                   | mg/kg | 6.8    | mg/kg |
| RY092-NSS-C  | 09FC-RY092-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | POTASSIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 948    | mg/kg |
| RY092-NSS-C  | 09FC-RY092-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | SILVER        | 1             | Y           | J+            | J+           |           | 1                   | mg/kg | 7.5    | mg/kg |
| RY092-NSS-C  | 09FC-RY092-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | SODIUM        | 500           | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY092-NSS-C  | 09FC-RY092-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.4    | mg/kg |
| RY092-NSS-C  | 09FC-RY092-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | ANTIMONY      | 6             | Y           | J             | J            |           | 6                   | mg/kg | 82.5   | mg/kg |
| RY092-NSS-C  | 09FC-RY092-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | ARSENIC       | 1             | Y           | J             | J            |           | 1                   | mg/kg | 121    | mg/kg |
| RY092-NSS-C  | 09FC-RY092-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | BARIUM        | 20            | Y           | J             | J            |           | 20                  | mg/kg | 83.9   | mg/kg |
| RY092-NSS-C  | 09FC-RY092-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | BERYLLIUM     | 0.5           | Y           | J             |              | J         | 0.5                 | mg/kg | 0.27   | mg/kg |
| RY092-NSS-C  | 09FC-RY092-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | CADMIUM       | 0.5           | Y           |               |              |           | 0.5                 | mg/kg | 5.6    | mg/kg |
| RY092-NSS-C  | 09FC-RY092-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | CHROMIUM      | 1             | Y           |               |              |           | 1                   | mg/kg | 4.2    | mg/kg |
| RY092-NSS-C  | 09FC-RY092-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | COBALT        | 5             | Y           | J             |              | J         | 5                   | mg/kg | 4.5    | mg/kg |
| RY092-NSS-C  | 09FC-RY092-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | COPPER        | 2.5           | Y           |               |              |           | 2.5                 | mg/kg | 16.7   | mg/kg |
| RY092-NSS-C  | 09FC-RY092-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | VANADIUM      | 5             | Y           |               |              |           | 5                   | mg/kg | 8.6    | mg/kg |
| RY092-NSS-C  | 09FC-RY092-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | ZINC          | 6             | Y           | J             | J            |           | 6                   | mg/kg | 1010   | mg/kg |
| RY092-NSS-C  | 09FC-RY092-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | CALCIUM       | 500           | Y           | J             | J            |           | 500                 | mg/kg | 8110   | mg/kg |
| RY092-NSS-C  | 09FC-RY092-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | SELENIUM      | 3.5           | Y           | J             |              | J         | 3.5                 | mg/kg | 1      | mg/kg |
| RY092-NSS-D  | 09FC-RY092-NSS-D-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | ALUMINUM      | 20            | Y           | J             | J            |           | 20                  | mg/kg | 4450   | mg/kg |
| RY092-NSS-D  | 09FC-RY092-NSS-D-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | IRON          | 10            | Y           | J             | J            |           | 10                  | mg/kg | 15500  | mg/kg |
| RY092-NSS-D  | 09FC-RY092-NSS-D-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | LEAD          | 1             | Y           |               |              |           | 1                   | mg/kg | 617    | mg/kg |
| RY092-NSS-D  | 09FC-RY092-NSS-D-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 4020   | mg/kg |
| RY092-NSS-D  | 09FC-RY092-NSS-D-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | MANGANESE     | 1.5           | Y           | J             | J            |           | 1.5                 | mg/kg | 779    | mg/kg |
| RY092-NSS-D  | 09FC-RY092-NSS-D-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | NICKEL        | 4             | Y           |               |              |           | 4                   | mg/kg | 8      | mg/kg |
| RY092-NSS-D  | 09FC-RY092-NSS-D-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | POTASSIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 1160   | mg/kg |
| RY092-NSS-D  | 09FC-RY092-NSS-D-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | SILVER        | 1             | Y           | J+            | J+           |           | 1                   | mg/kg | 26.3   | mg/kg |
| RY092-NSS-D  | 09FC-RY092-NSS-D-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | SODIUM        | 500           | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY092-NSS-D  | 09FC-RY092-NSS-D-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 1.8    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code          | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|--------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY092-NSS-D  | 09FC-RY092-NSS-D-000002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | ANTIMONY      | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 49.6   | mg/kg |
| RY092-NSS-D  | 09FC-RY092-NSS-D-000002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 96.1   | mg/kg |
| RY092-NSS-D  | 09FC-RY092-NSS-D-000002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | BARIUM        | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 78.2   | mg/kg |
| RY092-NSS-D  | 09FC-RY092-NSS-D-000002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.21   | mg/kg |
| RY092-NSS-D  | 09FC-RY092-NSS-D-000002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 7.4    | mg/kg |
| RY092-NSS-D  | 09FC-RY092-NSS-D-000002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 4.4    | mg/kg |
| RY092-NSS-D  | 09FC-RY092-NSS-D-000002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 4.3    | mg/kg |
| RY092-NSS-D  | 09FC-RY092-NSS-D-000002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 19.4   | mg/kg |
| RY092-NSS-D  | 09FC-RY092-NSS-D-000002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 6.7    | mg/kg |
| RY092-NSS-D  | 09FC-RY092-NSS-D-000002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 1290   | mg/kg |
| RY092-NSS-D  | 09FC-RY092-NSS-D-000002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 10100  | mg/kg |
| RY092-NSS-D  | 09FC-RY092-NSS-D-000002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.83   | mg/kg |
| RY092-NSS-E  | 09FC-RY092-NSS-E-000002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | ALUMINUM      | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 9340   | mg/kg |
| RY092-NSS-E  | 09FC-RY092-NSS-E-000002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 12900  | mg/kg |
| RY092-NSS-E  | 09FC-RY092-NSS-E-000002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 346    | mg/kg |
| RY092-NSS-E  | 09FC-RY092-NSS-E-000002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 4850   | mg/kg |
| RY092-NSS-E  | 09FC-RY092-NSS-E-000002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 555    | mg/kg |
| RY092-NSS-E  | 09FC-RY092-NSS-E-000002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 7.2    | mg/kg |
| RY092-NSS-E  | 09FC-RY092-NSS-E-000002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | POTASSIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 1920   | mg/kg |
| RY092-NSS-E  | 09FC-RY092-NSS-E-000002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | SILVER        | 1                   | Y           | UJ            | UJ           |           | 1                   | mg/kg | 500    | mg/kg |
| RY092-NSS-E  | 09FC-RY092-NSS-E-000002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 127    | mg/kg |
| RY092-NSS-E  | 09FC-RY092-NSS-E-000002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.9    | mg/kg |
| RY092-NSS-E  | 09FC-RY092-NSS-E-000002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | ANTIMONY      | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 30.5   | mg/kg |
| RY092-NSS-E  | 09FC-RY092-NSS-E-000002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 31.8   | mg/kg |
| RY092-NSS-E  | 09FC-RY092-NSS-E-000002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | BARIUM        | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 146    | mg/kg |
| RY092-NSS-E  | 09FC-RY092-NSS-E-000002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.47   | mg/kg |
| RY092-NSS-E  | 09FC-RY092-NSS-E-000002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 4.1    | mg/kg |
| RY092-NSS-E  | 09FC-RY092-NSS-E-000002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 6.6    | mg/kg |
| RY092-NSS-E  | 09FC-RY092-NSS-E-000002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 5.8    | mg/kg |
| RY092-NSS-E  | 09FC-RY092-NSS-E-000002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 14.5   | mg/kg |
| RY092-NSS-E  | 09FC-RY092-NSS-E-000002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 13.8   | mg/kg |
| RY092-NSS-E  | 09FC-RY092-NSS-E-000002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 1600   | mg/kg |
| RY092-NSS-E  | 09FC-RY092-NSS-E-000002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 6620   | mg/kg |
| RY092-NSS-E  | 09FC-RY092-NSS-E-000002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.77   | mg/kg |
| RY093-NSB-D  | 09FC-RY093-NSB-D-0020006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | ALUMINUM      | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 6100   | mg/kg |
| RY093-NSB-D  | 09FC-RY093-NSB-D-0020006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 9080   | mg/kg |
| RY093-NSB-D  | 09FC-RY093-NSB-D-0020006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 63     | mg/kg |
| RY093-NSB-D  | 09FC-RY093-NSB-D-0020006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 3140   | mg/kg |
| RY093-NSB-D  | 09FC-RY093-NSB-D-0020006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 250    | mg/kg |
| RY093-NSB-D  | 09FC-RY093-NSB-D-0020006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.2    | mg/kg |
| RY093-NSB-D  | 09FC-RY093-NSB-D-0020006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | POTASSIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 1100   | mg/kg |
| RY093-NSB-D  | 09FC-RY093-NSB-D-0020006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | SILVER        | 1                   | Y           | J+            | J+           | J         | 1                   | mg/kg | 0.48   | mg/kg |
| RY093-NSB-D  | 09FC-RY093-NSB-D-0020006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY093-NSB-D  | 09FC-RY093-NSB-D-0020006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 1.9    | mg/kg |
| RY093-NSB-D  | 09FC-RY093-NSB-D-0020006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | ANTIMONY      | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 5.1    | mg/kg |
| RY093-NSB-D  | 09FC-RY093-NSB-D-0020006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 9      | mg/kg |
| RY093-NSB-D  | 09FC-RY093-NSB-D-0020006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | BARIUM        | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 112    | mg/kg |
| RY093-NSB-D  | 09FC-RY093-NSB-D-0020006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.36   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code          | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|--------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY093-NSB-D  | 09FC-RY093-NSB-D-0020006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 0.61   | mg/kg |
| RY093-NSB-D  | 09FC-RY093-NSB-D-0020006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 6.4    | mg/kg |
| RY093-NSB-D  | 09FC-RY093-NSB-D-0020006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 4.3    | mg/kg |
| RY093-NSB-D  | 09FC-RY093-NSB-D-0020006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 22.2   | mg/kg |
| RY093-NSB-D  | 09FC-RY093-NSB-D-0020006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 10.7   | mg/kg |
| RY093-NSB-D  | 09FC-RY093-NSB-D-0020006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 94.6   | mg/kg |
| RY093-NSB-D  | 09FC-RY093-NSB-D-0020006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 3630   | mg/kg |
| RY093-NSB-D  | 09FC-RY093-NSB-D-0020006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.66   | mg/kg |
| RY093-NSB-D  | 09FC-RY093-NSB-D-006012  | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | ALUMINUM      | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 6670   | mg/kg |
| RY093-NSB-D  | 09FC-RY093-NSB-D-006012  | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 9850   | mg/kg |
| RY093-NSB-D  | 09FC-RY093-NSB-D-006012  | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 129    | mg/kg |
| RY093-NSB-D  | 09FC-RY093-NSB-D-006012  | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 3130   | mg/kg |
| RY093-NSB-D  | 09FC-RY093-NSB-D-006012  | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 297    | mg/kg |
| RY093-NSB-D  | 09FC-RY093-NSB-D-006012  | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6      | mg/kg |
| RY093-NSB-D  | 09FC-RY093-NSB-D-006012  | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | POTASSIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 1180   | mg/kg |
| RY093-NSB-D  | 09FC-RY093-NSB-D-006012  | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | SILVER        | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 1.1    | mg/kg |
| RY093-NSB-D  | 09FC-RY093-NSB-D-006012  | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY093-NSB-D  | 09FC-RY093-NSB-D-006012  | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 1.9    | mg/kg |
| RY093-NSB-D  | 09FC-RY093-NSB-D-006012  | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | ANTIMONY      | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 9      | mg/kg |
| RY093-NSB-D  | 09FC-RY093-NSB-D-006012  | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 11.3   | mg/kg |
| RY093-NSB-D  | 09FC-RY093-NSB-D-006012  | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | BARIUM        | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 117    | mg/kg |
| RY093-NSB-D  | 09FC-RY093-NSB-D-006012  | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | BERYLLIUM     | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 0.39   | mg/kg |
| RY093-NSB-D  | 09FC-RY093-NSB-D-006012  | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 0.93   | mg/kg |
| RY093-NSB-D  | 09FC-RY093-NSB-D-006012  | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 6.5    | mg/kg |
| RY093-NSB-D  | 09FC-RY093-NSB-D-006012  | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 4.4    | mg/kg |
| RY093-NSB-D  | 09FC-RY093-NSB-D-006012  | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 16.2   | mg/kg |
| RY093-NSB-D  | 09FC-RY093-NSB-D-006012  | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 11     | mg/kg |
| RY093-NSB-D  | 09FC-RY093-NSB-D-006012  | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 116    | mg/kg |
| RY093-NSB-D  | 09FC-RY093-NSB-D-006012  | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 4090   | mg/kg |
| RY093-NSB-D  | 09FC-RY093-NSB-D-006012  | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.72   | mg/kg |
| RY094-NSB-B  | 09FC-RY094-NSB-B-002006  | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | ALUMINUM      | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 8250   | mg/kg |
| RY094-NSB-B  | 09FC-RY094-NSB-B-002006  | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 10100  | mg/kg |
| RY094-NSB-B  | 09FC-RY094-NSB-B-002006  | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 287    | mg/kg |
| RY094-NSB-B  | 09FC-RY094-NSB-B-002006  | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 3610   | mg/kg |
| RY094-NSB-B  | 09FC-RY094-NSB-B-002006  | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 339    | mg/kg |
| RY094-NSB-B  | 09FC-RY094-NSB-B-002006  | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.9    | mg/kg |
| RY094-NSB-B  | 09FC-RY094-NSB-B-002006  | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | POTASSIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 1850   | mg/kg |
| RY094-NSB-B  | 09FC-RY094-NSB-B-002006  | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | SILVER        | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 2.6    | mg/kg |
| RY094-NSB-B  | 09FC-RY094-NSB-B-002006  | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY094-NSB-B  | 09FC-RY094-NSB-B-002006  | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.1    | mg/kg |
| RY094-NSB-B  | 09FC-RY094-NSB-B-002006  | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | ANTIMONY      | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 20.6   | mg/kg |
| RY094-NSB-B  | 09FC-RY094-NSB-B-002006  | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 24.2   | mg/kg |
| RY094-NSB-B  | 09FC-RY094-NSB-B-002006  | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | BARIUM        | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 145    | mg/kg |
| RY094-NSB-B  | 09FC-RY094-NSB-B-002006  | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | BERYLLIUM     | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 0.5    | mg/kg |
| RY094-NSB-B  | 09FC-RY094-NSB-B-002006  | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 1.9    | mg/kg |
| RY094-NSB-B  | 09FC-RY094-NSB-B-002006  | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 7.2    | mg/kg |
| RY094-NSB-B  | 09FC-RY094-NSB-B-002006  | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 4.9    | mg/kg |
| RY094-NSB-B  | 09FC-RY094-NSB-B-002006  | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 14.5   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code          | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|--------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY094-NSB-B  | 09FC-RY094-NSB-B-002006  | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 11.9   | mg/kg |
| RY094-NSB-B  | 09FC-RY094-NSB-B-002006  | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 203    | mg/kg |
| RY094-NSB-B  | 09FC-RY094-NSB-B-002006  | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 2310   | mg/kg |
| RY094-NSB-B  | 09FC-RY094-NSB-B-002006  | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.85   | mg/kg |
| RY094-NSB-B  | 09FC-RY094-NSB-B-006012  | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | ALUMINUM      | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 7740   | mg/kg |
| RY094-NSB-B  | 09FC-RY094-NSB-B-006012  | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 10400  | mg/kg |
| RY094-NSB-B  | 09FC-RY094-NSB-B-006012  | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 398    | mg/kg |
| RY094-NSB-B  | 09FC-RY094-NSB-B-006012  | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 3480   | mg/kg |
| RY094-NSB-B  | 09FC-RY094-NSB-B-006012  | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 357    | mg/kg |
| RY094-NSB-B  | 09FC-RY094-NSB-B-006012  | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.6    | mg/kg |
| RY094-NSB-B  | 09FC-RY094-NSB-B-006012  | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | POTASSIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 1780   | mg/kg |
| RY094-NSB-B  | 09FC-RY094-NSB-B-006012  | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | SILVER        | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 3.8    | mg/kg |
| RY094-NSB-B  | 09FC-RY094-NSB-B-006012  | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY094-NSB-B  | 09FC-RY094-NSB-B-006012  | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.5    | mg/kg |
| RY094-NSB-B  | 09FC-RY094-NSB-B-006012  | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | ANTIMONY      | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 30.4   | mg/kg |
| RY094-NSB-B  | 09FC-RY094-NSB-B-006012  | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 31.8   | mg/kg |
| RY094-NSB-B  | 09FC-RY094-NSB-B-006012  | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | BARIUM        | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 138    | mg/kg |
| RY094-NSB-B  | 09FC-RY094-NSB-B-006012  | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.46   | mg/kg |
| RY094-NSB-B  | 09FC-RY094-NSB-B-006012  | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 2.5    | mg/kg |
| RY094-NSB-B  | 09FC-RY094-NSB-B-006012  | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 7.1    | mg/kg |
| RY094-NSB-B  | 09FC-RY094-NSB-B-006012  | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.8    | mg/kg |
| RY094-NSB-B  | 09FC-RY094-NSB-B-006012  | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 15.1   | mg/kg |
| RY094-NSB-B  | 09FC-RY094-NSB-B-006012  | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 12     | mg/kg |
| RY094-NSB-B  | 09FC-RY094-NSB-B-006012  | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 272    | mg/kg |
| RY094-NSB-B  | 09FC-RY094-NSB-B-006012  | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 2260   | mg/kg |
| RY094-NSB-B  | 09FC-RY094-NSB-B-006012  | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.74   | mg/kg |
| RY094-NSB-F  | 09FC-RY094-NSB-F-0020006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | ALUMINUM      | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 5130   | mg/kg |
| RY094-NSB-F  | 09FC-RY094-NSB-F-0020006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 14500  | mg/kg |
| RY094-NSB-F  | 09FC-RY094-NSB-F-0020006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 5690   | mg/kg |
| RY094-NSB-F  | 09FC-RY094-NSB-F-0020006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 3030   | mg/kg |
| RY094-NSB-F  | 09FC-RY094-NSB-F-0020006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 846    | mg/kg |
| RY094-NSB-F  | 09FC-RY094-NSB-F-0020006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 5      | mg/kg |
| RY094-NSB-F  | 09FC-RY094-NSB-F-0020006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | POTASSIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 1220   | mg/kg |
| RY094-NSB-F  | 09FC-RY094-NSB-F-0020006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | SILVER        | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 55.7   | mg/kg |
| RY094-NSB-F  | 09FC-RY094-NSB-F-0020006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY094-NSB-F  | 09FC-RY094-NSB-F-0020006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.7    | mg/kg |
| RY094-NSB-F  | 09FC-RY094-NSB-F-0020006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | ANTIMONY      | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 608    | mg/kg |
| RY094-NSB-F  | 09FC-RY094-NSB-F-0020006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 311    | mg/kg |
| RY094-NSB-F  | 09FC-RY094-NSB-F-0020006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | BARIUM        | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 91.7   | mg/kg |
| RY094-NSB-F  | 09FC-RY094-NSB-F-0020006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.28   | mg/kg |
| RY094-NSB-F  | 09FC-RY094-NSB-F-0020006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 42.2   | mg/kg |
| RY094-NSB-F  | 09FC-RY094-NSB-F-0020006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 4.4    | mg/kg |
| RY094-NSB-F  | 09FC-RY094-NSB-F-0020006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.2    | mg/kg |
| RY094-NSB-F  | 09FC-RY094-NSB-F-0020006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 49.1   | mg/kg |
| RY094-NSB-F  | 09FC-RY094-NSB-F-0020006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 8.4    | mg/kg |
| RY094-NSB-F  | 09FC-RY094-NSB-F-0020006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 3170   | mg/kg |
| RY094-NSB-F  | 09FC-RY094-NSB-F-0020006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 4780   | mg/kg |
| RY094-NSB-F  | 09FC-RY094-NSB-F-0020006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.82   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY094-NSB-F  | 09FC-RY094-NSB-F-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | ALUMINUM      | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 5980   | mg/kg |
| RY094-NSB-F  | 09FC-RY094-NSB-F-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 10700  | mg/kg |
| RY094-NSB-F  | 09FC-RY094-NSB-F-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 2160   | mg/kg |
| RY094-NSB-F  | 09FC-RY094-NSB-F-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 2360   | mg/kg |
| RY094-NSB-F  | 09FC-RY094-NSB-F-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 575    | mg/kg |
| RY094-NSB-F  | 09FC-RY094-NSB-F-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 4.9    | mg/kg |
| RY094-NSB-F  | 09FC-RY094-NSB-F-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | POTASSIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 1390   | mg/kg |
| RY094-NSB-F  | 09FC-RY094-NSB-F-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | SILVER        | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 21.9   | mg/kg |
| RY094-NSB-F  | 09FC-RY094-NSB-F-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | SODIUM        | 500                 | Y           | UJ            | UJ           |           | 500                 | mg/kg | 500    | mg/kg |
| RY094-NSB-F  | 09FC-RY094-NSB-F-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.5    | mg/kg |
| RY094-NSB-F  | 09FC-RY094-NSB-F-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | ANTIMONY      | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 250    | mg/kg |
| RY094-NSB-F  | 09FC-RY094-NSB-F-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 134    | mg/kg |
| RY094-NSB-F  | 09FC-RY094-NSB-F-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | BARIUM        | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 108    | mg/kg |
| RY094-NSB-F  | 09FC-RY094-NSB-F-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.33   | mg/kg |
| RY094-NSB-F  | 09FC-RY094-NSB-F-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 50.5   | mg/kg |
| RY094-NSB-F  | 09FC-RY094-NSB-F-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 5.3    | mg/kg |
| RY094-NSB-F  | 09FC-RY094-NSB-F-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.5    | mg/kg |
| RY094-NSB-F  | 09FC-RY094-NSB-F-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 24.2   | mg/kg |
| RY094-NSB-F  | 09FC-RY094-NSB-F-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 10.2   | mg/kg |
| RY094-NSB-F  | 09FC-RY094-NSB-F-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 3190   | mg/kg |
| RY094-NSB-F  | 09FC-RY094-NSB-F-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 1390   | mg/kg |
| RY094-NSB-F  | 09FC-RY094-NSB-F-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.61   | mg/kg |
| RY094-NSS-B  | 09FC-RY094-NSS-B-00002  | 8/18/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | ALUMINUM      | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 8120   | mg/kg |
| RY094-NSS-B  | 09FC-RY094-NSS-B-00002  | 8/18/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 10600  | mg/kg |
| RY094-NSS-B  | 09FC-RY094-NSS-B-00002  | 8/18/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 367    | mg/kg |
| RY094-NSS-B  | 09FC-RY094-NSS-B-00002  | 8/18/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 3590   | mg/kg |
| RY094-NSS-B  | 09FC-RY094-NSS-B-00002  | 8/18/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 353    | mg/kg |
| RY094-NSS-B  | 09FC-RY094-NSS-B-00002  | 8/18/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.9    | mg/kg |
| RY094-NSS-B  | 09FC-RY094-NSS-B-00002  | 8/18/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | POTASSIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 1960   | mg/kg |
| RY094-NSS-B  | 09FC-RY094-NSS-B-00002  | 8/18/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | SILVER        | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 3.3    | mg/kg |
| RY094-NSS-B  | 09FC-RY094-NSS-B-00002  | 8/18/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY094-NSS-B  | 09FC-RY094-NSS-B-00002  | 8/18/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.5    | mg/kg |
| RY094-NSS-B  | 09FC-RY094-NSS-B-00002  | 8/18/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | ANTIMONY      | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 26.8   | mg/kg |
| RY094-NSS-B  | 09FC-RY094-NSS-B-00002  | 8/18/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 27.7   | mg/kg |
| RY094-NSS-B  | 09FC-RY094-NSS-B-00002  | 8/18/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | BARIUM        | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 143    | mg/kg |
| RY094-NSS-B  | 09FC-RY094-NSS-B-00002  | 8/18/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.48   | mg/kg |
| RY094-NSS-B  | 09FC-RY094-NSS-B-00002  | 8/18/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 2.3    | mg/kg |
| RY094-NSS-B  | 09FC-RY094-NSS-B-00002  | 8/18/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 7.1    | mg/kg |
| RY094-NSS-B  | 09FC-RY094-NSS-B-00002  | 8/18/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.9    | mg/kg |
| RY094-NSS-B  | 09FC-RY094-NSS-B-00002  | 8/18/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 14.9   | mg/kg |
| RY094-NSS-B  | 09FC-RY094-NSS-B-00002  | 8/18/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 12.3   | mg/kg |
| RY094-NSS-B  | 09FC-RY094-NSS-B-00002  | 8/18/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 265    | mg/kg |
| RY094-NSS-B  | 09FC-RY094-NSS-B-00002  | 8/18/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 2390   | mg/kg |
| RY094-NSS-B  | 09FC-RY094-NSS-B-00002  | 8/18/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.77   | mg/kg |
| RY094-NSS-F  | 09FC-RY094-NSS-F-00002  | 8/18/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | ALUMINUM      | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 4800   | mg/kg |
| RY094-NSS-F  | 09FC-RY094-NSS-F-00002  | 8/18/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 16400  | mg/kg |
| RY094-NSS-F  | 09FC-RY094-NSS-F-00002  | 8/18/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 7240   | mg/kg |
| RY094-NSS-F  | 09FC-RY094-NSS-F-00002  | 8/18/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 2080   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                         |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY094-NSS-F  | 09FC-RY094-NSS-F-00002  | 8/18/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | MANGANESE     | 1.5           | Y           | J             | J            |           | 1.5                 | mg/kg | 986    | mg/kg |
| RY094-NSS-F  | 09FC-RY094-NSS-F-00002  | 8/18/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | NICKEL        | 4             | Y           |               |              |           | 4                   | mg/kg | 4.4    | mg/kg |
| RY094-NSS-F  | 09FC-RY094-NSS-F-00002  | 8/18/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | POTASSIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 1210   | mg/kg |
| RY094-NSS-F  | 09FC-RY094-NSS-F-00002  | 8/18/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | SILVER        | 1             | Y           | J+            | J+           |           | 1                   | mg/kg | 71.2   | mg/kg |
| RY094-NSS-F  | 09FC-RY094-NSS-F-00002  | 8/18/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | SODIUM        | 500           | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY094-NSS-F  | 09FC-RY094-NSS-F-00002  | 8/18/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.5    | mg/kg |
| RY094-NSS-F  | 09FC-RY094-NSS-F-00002  | 8/18/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | ANTIMONY      | 6             | Y           | J             | J            |           | 6                   | mg/kg | 779    | mg/kg |
| RY094-NSS-F  | 09FC-RY094-NSS-F-00002  | 8/18/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | ARSENIC       | 1             | Y           | J             | J            |           | 1                   | mg/kg | 391    | mg/kg |
| RY094-NSS-F  | 09FC-RY094-NSS-F-00002  | 8/18/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | BARIUM        | 20            | Y           | J             | J            |           | 20                  | mg/kg | 84.1   | mg/kg |
| RY094-NSS-F  | 09FC-RY094-NSS-F-00002  | 8/18/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | BERYLLIUM     | 0.5           | Y           | J             |              | J         | 0.5                 | mg/kg | 0.27   | mg/kg |
| RY094-NSS-F  | 09FC-RY094-NSS-F-00002  | 8/18/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | CADMIUM       | 0.5           | Y           |               |              |           | 0.5                 | mg/kg | 37.2   | mg/kg |
| RY094-NSS-F  | 09FC-RY094-NSS-F-00002  | 8/18/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | CHROMIUM      | 1             | Y           |               |              |           | 1                   | mg/kg | 4.1    | mg/kg |
| RY094-NSS-F  | 09FC-RY094-NSS-F-00002  | 8/18/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | COBALT        | 5             | Y           | J             |              | J         | 5                   | mg/kg | 3.4    | mg/kg |
| RY094-NSS-F  | 09FC-RY094-NSS-F-00002  | 8/18/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | COPPER        | 2.5           | Y           |               |              |           | 2.5                 | mg/kg | 57.9   | mg/kg |
| RY094-NSS-F  | 09FC-RY094-NSS-F-00002  | 8/18/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | VANADIUM      | 5             | Y           |               |              |           | 5                   | mg/kg | 8      | mg/kg |
| RY094-NSS-F  | 09FC-RY094-NSS-F-00002  | 8/18/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | ZINC          | 6             | Y           | J             | J            |           | 6                   | mg/kg | 2980   | mg/kg |
| RY094-NSS-F  | 09FC-RY094-NSS-F-00002  | 8/18/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | CALCIUM       | 500           | Y           | J             | J            |           | 500                 | mg/kg | 1970   | mg/kg |
| RY094-NSS-F  | 09FC-RY094-NSS-F-00002  | 8/18/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | SELENIUM      | 3.5           | Y           | J             |              | J         | 3.5                 | mg/kg | 0.89   | mg/kg |
| RY095-NSB-A  | 09FC-RY095-NSB-A-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | ALUMINUM      | 20            | Y           | J             | J            |           | 20                  | mg/kg | 5600   | mg/kg |
| RY095-NSB-A  | 09FC-RY095-NSB-A-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | IRON          | 10            | Y           | J             | J            |           | 10                  | mg/kg | 10100  | mg/kg |
| RY095-NSB-A  | 09FC-RY095-NSB-A-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | LEAD          | 1             | Y           |               |              |           | 1                   | mg/kg | 86.2   | mg/kg |
| RY095-NSB-A  | 09FC-RY095-NSB-A-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 2910   | mg/kg |
| RY095-NSB-A  | 09FC-RY095-NSB-A-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | MANGANESE     | 1.5           | Y           | J             | J            |           | 1.5                 | mg/kg | 347    | mg/kg |
| RY095-NSB-A  | 09FC-RY095-NSB-A-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | NICKEL        | 4             | Y           |               |              |           | 4                   | mg/kg | 6.2    | mg/kg |
| RY095-NSB-A  | 09FC-RY095-NSB-A-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | POTASSIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 1370   | mg/kg |
| RY095-NSB-A  | 09FC-RY095-NSB-A-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | SILVER        | 1             | Y           | J+            | J+           | J         | 1                   | mg/kg | 0.33   | mg/kg |
| RY095-NSB-A  | 09FC-RY095-NSB-A-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | SODIUM        | 500           | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY095-NSB-A  | 09FC-RY095-NSB-A-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.8    | mg/kg |
| RY095-NSB-A  | 09FC-RY095-NSB-A-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | ANTIMONY      | 6             | Y           | J             | J            | J         | 6                   | mg/kg | 5.9    | mg/kg |
| RY095-NSB-A  | 09FC-RY095-NSB-A-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | ARSENIC       | 1             | Y           | J             | J            |           | 1                   | mg/kg | 15.7   | mg/kg |
| RY095-NSB-A  | 09FC-RY095-NSB-A-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | BARIUM        | 20            | Y           | J             | J            |           | 20                  | mg/kg | 137    | mg/kg |
| RY095-NSB-A  | 09FC-RY095-NSB-A-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | BERYLLIUM     | 0.5           | Y           | J             |              | J         | 0.5                 | mg/kg | 0.34   | mg/kg |
| RY095-NSB-A  | 09FC-RY095-NSB-A-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | CADMIUM       | 0.5           | Y           |               |              |           | 0.5                 | mg/kg | 0.84   | mg/kg |
| RY095-NSB-A  | 09FC-RY095-NSB-A-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | CHROMIUM      | 1             | Y           |               |              |           | 1                   | mg/kg | 6.5    | mg/kg |
| RY095-NSB-A  | 09FC-RY095-NSB-A-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | COBALT        | 5             | Y           | J             |              | J         | 5                   | mg/kg | 4.2    | mg/kg |
| RY095-NSB-A  | 09FC-RY095-NSB-A-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | COPPER        | 2.5           | Y           |               |              |           | 2.5                 | mg/kg | 66.3   | mg/kg |
| RY095-NSB-A  | 09FC-RY095-NSB-A-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | VANADIUM      | 5             | Y           |               |              |           | 5                   | mg/kg | 10.5   | mg/kg |
| RY095-NSB-A  | 09FC-RY095-NSB-A-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | ZINC          | 6             | Y           | J             | J            |           | 6                   | mg/kg | 209    | mg/kg |
| RY095-NSB-A  | 09FC-RY095-NSB-A-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | CALCIUM       | 500           | Y           | J             | J            |           | 500                 | mg/kg | 2990   | mg/kg |
| RY095-NSB-A  | 09FC-RY095-NSB-A-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | SELENIUM      | 3.5           | Y           | J             |              | J         | 3.5                 | mg/kg | 0.78   | mg/kg |
| RY095-NSB-B  | 09FC-RY095-NSB-B-002006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | ALUMINUM      | 20            | Y           | J             | J            |           | 20                  | mg/kg | 5540   | mg/kg |
| RY095-NSB-B  | 09FC-RY095-NSB-B-002006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | IRON          | 10            | Y           | J             | J            |           | 10                  | mg/kg | 9740   | mg/kg |
| RY095-NSB-B  | 09FC-RY095-NSB-B-002006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | LEAD          | 1             | Y           |               |              |           | 1                   | mg/kg | 856    | mg/kg |
| RY095-NSB-B  | 09FC-RY095-NSB-B-002006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 2710   | mg/kg |
| RY095-NSB-B  | 09FC-RY095-NSB-B-002006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | MANGANESE     | 1.5           | Y           | J             | J            |           | 1.5                 | mg/kg | 326    | mg/kg |
| RY095-NSB-B  | 09FC-RY095-NSB-B-002006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | NICKEL        | 4             | Y           |               |              |           | 4                   | mg/kg | 5.4    | mg/kg |
| RY095-NSB-B  | 09FC-RY095-NSB-B-002006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | POTASSIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 1150   | mg/kg |
| RY095-NSB-B  | 09FC-RY095-NSB-B-002006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | SILVER        | 1             | Y           | J+            | J+           |           | 1                   | mg/kg | 8.2    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY095-NSB-B  | 09FC-RY095-NSB-B-002006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY095-NSB-B  | 09FC-RY095-NSB-B-002006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.7    | mg/kg |
| RY095-NSB-B  | 09FC-RY095-NSB-B-002006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | ANTIMONY      | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 69.2   | mg/kg |
| RY095-NSB-B  | 09FC-RY095-NSB-B-002006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 60.5   | mg/kg |
| RY095-NSB-B  | 09FC-RY095-NSB-B-002006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | BARIUM        | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 84.5   | mg/kg |
| RY095-NSB-B  | 09FC-RY095-NSB-B-002006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.34   | mg/kg |
| RY095-NSB-B  | 09FC-RY095-NSB-B-002006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 5.4    | mg/kg |
| RY095-NSB-B  | 09FC-RY095-NSB-B-002006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 5.6    | mg/kg |
| RY095-NSB-B  | 09FC-RY095-NSB-B-002006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 3.9    | mg/kg |
| RY095-NSB-B  | 09FC-RY095-NSB-B-002006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 15     | mg/kg |
| RY095-NSB-B  | 09FC-RY095-NSB-B-002006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 10.9   | mg/kg |
| RY095-NSB-B  | 09FC-RY095-NSB-B-002006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 640    | mg/kg |
| RY095-NSB-B  | 09FC-RY095-NSB-B-002006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 2220   | mg/kg |
| RY095-NSB-B  | 09FC-RY095-NSB-B-002006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.7    | mg/kg |
| RY095-NSB-B  | 09FC-RY095-NSB-B-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | ALUMINUM      | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 5290   | mg/kg |
| RY095-NSB-B  | 09FC-RY095-NSB-B-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 8490   | mg/kg |
| RY095-NSB-B  | 09FC-RY095-NSB-B-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 311    | mg/kg |
| RY095-NSB-B  | 09FC-RY095-NSB-B-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 2680   | mg/kg |
| RY095-NSB-B  | 09FC-RY095-NSB-B-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 234    | mg/kg |
| RY095-NSB-B  | 09FC-RY095-NSB-B-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 5.4    | mg/kg |
| RY095-NSB-B  | 09FC-RY095-NSB-B-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | POTASSIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 1030   | mg/kg |
| RY095-NSB-B  | 09FC-RY095-NSB-B-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | SILVER        | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 3.1    | mg/kg |
| RY095-NSB-B  | 09FC-RY095-NSB-B-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY095-NSB-B  | 09FC-RY095-NSB-B-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.4    | mg/kg |
| RY095-NSB-B  | 09FC-RY095-NSB-B-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | ANTIMONY      | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 29.5   | mg/kg |
| RY095-NSB-B  | 09FC-RY095-NSB-B-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 25.5   | mg/kg |
| RY095-NSB-B  | 09FC-RY095-NSB-B-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | BARIUM        | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 86.7   | mg/kg |
| RY095-NSB-B  | 09FC-RY095-NSB-B-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.33   | mg/kg |
| RY095-NSB-B  | 09FC-RY095-NSB-B-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 2.3    | mg/kg |
| RY095-NSB-B  | 09FC-RY095-NSB-B-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 5.6    | mg/kg |
| RY095-NSB-B  | 09FC-RY095-NSB-B-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 3.7    | mg/kg |
| RY095-NSB-B  | 09FC-RY095-NSB-B-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 11.4   | mg/kg |
| RY095-NSB-B  | 09FC-RY095-NSB-B-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 10.6   | mg/kg |
| RY095-NSB-B  | 09FC-RY095-NSB-B-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 291    | mg/kg |
| RY095-NSB-B  | 09FC-RY095-NSB-B-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 1750   | mg/kg |
| RY095-NSB-B  | 09FC-RY095-NSB-B-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.66   | mg/kg |
| RY095-NSB-C  | 09FC-RY095-NSB-C-002006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | ALUMINUM      | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 5950   | mg/kg |
| RY095-NSB-C  | 09FC-RY095-NSB-C-002006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 9680   | mg/kg |
| RY095-NSB-C  | 09FC-RY095-NSB-C-002006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 268    | mg/kg |
| RY095-NSB-C  | 09FC-RY095-NSB-C-002006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 2710   | mg/kg |
| RY095-NSB-C  | 09FC-RY095-NSB-C-002006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 395    | mg/kg |
| RY095-NSB-C  | 09FC-RY095-NSB-C-002006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.1    | mg/kg |
| RY095-NSB-C  | 09FC-RY095-NSB-C-002006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | POTASSIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 1420   | mg/kg |
| RY095-NSB-C  | 09FC-RY095-NSB-C-002006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | SILVER        | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 2.5    | mg/kg |
| RY095-NSB-C  | 09FC-RY095-NSB-C-002006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY095-NSB-C  | 09FC-RY095-NSB-C-002006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 1.9    | mg/kg |
| RY095-NSB-C  | 09FC-RY095-NSB-C-002006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | ANTIMONY      | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 20.9   | mg/kg |
| RY095-NSB-C  | 09FC-RY095-NSB-C-002006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 21.4   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                         |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY095-NSB-C  | 09FC-RY095-NSB-C-002006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | BARIUM        | 20            | Y           | J             | J            |           | 20                  | mg/kg | 124    | mg/kg |
| RY095-NSB-C  | 09FC-RY095-NSB-C-002006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | BERYLLIUM     | 0.5           | Y           | J             |              | J         | 0.5                 | mg/kg | 0.34   | mg/kg |
| RY095-NSB-C  | 09FC-RY095-NSB-C-002006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | CADMIUM       | 0.5           | Y           |               |              |           | 0.5                 | mg/kg | 1.7    | mg/kg |
| RY095-NSB-C  | 09FC-RY095-NSB-C-002006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | CHROMIUM      | 1             | Y           |               |              |           | 1                   | mg/kg | 6.2    | mg/kg |
| RY095-NSB-C  | 09FC-RY095-NSB-C-002006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | COBALT        | 5             | Y           |               |              |           | 5                   | mg/kg | 4.3    | mg/kg |
| RY095-NSB-C  | 09FC-RY095-NSB-C-002006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | COPPER        | 2.5           | Y           |               |              |           | 2.5                 | mg/kg | 30     | mg/kg |
| RY095-NSB-C  | 09FC-RY095-NSB-C-002006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | VANADIUM      | 5             | Y           |               |              |           | 5                   | mg/kg | 10.7   | mg/kg |
| RY095-NSB-C  | 09FC-RY095-NSB-C-002006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | ZINC          | 6             | Y           | J             | J            |           | 6                   | mg/kg | 199    | mg/kg |
| RY095-NSB-C  | 09FC-RY095-NSB-C-002006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | CALCIUM       | 500           | Y           | J             | J            |           | 500                 | mg/kg | 2010   | mg/kg |
| RY095-NSB-C  | 09FC-RY095-NSB-C-002006 | 8/18/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | SELENIUM      | 3.5           | Y           | J             |              | J         | 3.5                 | mg/kg | 0.77   | mg/kg |
| RY095-NSB-C  | 09FC-RY095-NSB-C-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | ALUMINUM      | 20            | Y           | J             | J            |           | 20                  | mg/kg | 5450   | mg/kg |
| RY095-NSB-C  | 09FC-RY095-NSB-C-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | IRON          | 10            | Y           | J             | J            |           | 10                  | mg/kg | 10100  | mg/kg |
| RY095-NSB-C  | 09FC-RY095-NSB-C-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | LEAD          | 1             | Y           |               |              |           | 1                   | mg/kg | 673    | mg/kg |
| RY095-NSB-C  | 09FC-RY095-NSB-C-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 2910   | mg/kg |
| RY095-NSB-C  | 09FC-RY095-NSB-C-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | MANGANESE     | 1.5           | Y           | J             | J            |           | 1.5                 | mg/kg | 443    | mg/kg |
| RY095-NSB-C  | 09FC-RY095-NSB-C-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | NICKEL        | 4             | Y           |               |              |           | 4                   | mg/kg | 6.2    | mg/kg |
| RY095-NSB-C  | 09FC-RY095-NSB-C-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | POTASSIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 1370   | mg/kg |
| RY095-NSB-C  | 09FC-RY095-NSB-C-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | SILVER        | 1             | Y           | J+            | J+           |           | 1                   | mg/kg | 5.8    | mg/kg |
| RY095-NSB-C  | 09FC-RY095-NSB-C-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | SODIUM        | 500           | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY095-NSB-C  | 09FC-RY095-NSB-C-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.4    | mg/kg |
| RY095-NSB-C  | 09FC-RY095-NSB-C-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | ANTIMONY      | 6             | Y           | J             | J            |           | 6                   | mg/kg | 47.4   | mg/kg |
| RY095-NSB-C  | 09FC-RY095-NSB-C-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | ARSENIC       | 1             | Y           | J             | J            |           | 1                   | mg/kg | 45.4   | mg/kg |
| RY095-NSB-C  | 09FC-RY095-NSB-C-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | BARIUM        | 20            | Y           | J             | J            |           | 20                  | mg/kg | 124    | mg/kg |
| RY095-NSB-C  | 09FC-RY095-NSB-C-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | BERYLLIUM     | 0.5           | Y           | J             |              | J         | 0.5                 | mg/kg | 0.33   | mg/kg |
| RY095-NSB-C  | 09FC-RY095-NSB-C-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | CADMIUM       | 0.5           | Y           |               |              |           | 0.5                 | mg/kg | 3      | mg/kg |
| RY095-NSB-C  | 09FC-RY095-NSB-C-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | CHROMIUM      | 1             | Y           |               |              |           | 1                   | mg/kg | 5.8    | mg/kg |
| RY095-NSB-C  | 09FC-RY095-NSB-C-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | COBALT        | 5             | Y           | J             |              | J         | 5                   | mg/kg | 3.9    | mg/kg |
| RY095-NSB-C  | 09FC-RY095-NSB-C-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | COPPER        | 2.5           | Y           |               |              |           | 2.5                 | mg/kg | 25.8   | mg/kg |
| RY095-NSB-C  | 09FC-RY095-NSB-C-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | VANADIUM      | 5             | Y           |               |              |           | 5                   | mg/kg | 9.9    | mg/kg |
| RY095-NSB-C  | 09FC-RY095-NSB-C-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | ZINC          | 6             | Y           | J             | J            |           | 6                   | mg/kg | 356    | mg/kg |
| RY095-NSB-C  | 09FC-RY095-NSB-C-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | CALCIUM       | 500           | Y           | J             | J            |           | 500                 | mg/kg | 2210   | mg/kg |
| RY095-NSB-C  | 09FC-RY095-NSB-C-006012 | 8/18/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | SELENIUM      | 3.5           | Y           | J             |              | J         | 3.5                 | mg/kg | 0.78   | mg/kg |
| RY095-NSB-D  | 09FC-RY095-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | ALUMINUM      | 20            | Y           | J             | J            |           | 20                  | mg/kg | 3670   | mg/kg |
| RY095-NSB-D  | 09FC-RY095-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | IRON          | 10            | Y           | J             | J            |           | 10                  | mg/kg | 9490   | mg/kg |
| RY095-NSB-D  | 09FC-RY095-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | LEAD          | 1             | Y           |               |              |           | 1                   | mg/kg | 40.4   | mg/kg |
| RY095-NSB-D  | 09FC-RY095-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 5810   | mg/kg |
| RY095-NSB-D  | 09FC-RY095-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | MANGANESE     | 1.5           | Y           | J             | J            |           | 1.5                 | mg/kg | 286    | mg/kg |
| RY095-NSB-D  | 09FC-RY095-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | NICKEL        | 4             | Y           |               |              |           | 4                   | mg/kg | 7.2    | mg/kg |
| RY095-NSB-D  | 09FC-RY095-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | POTASSIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 866    | mg/kg |
| RY095-NSB-D  | 09FC-RY095-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | SILVER        | 1             | Y           | J+            | J+           | J         | 1                   | mg/kg | 0.17   | mg/kg |
| RY095-NSB-D  | 09FC-RY095-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | SODIUM        | 500           | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY095-NSB-D  | 09FC-RY095-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.3    | mg/kg |
| RY095-NSB-D  | 09FC-RY095-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | ANTIMONY      | 6             | Y           | J             |              | J         | 6                   | mg/kg | 1.9    | mg/kg |
| RY095-NSB-D  | 09FC-RY095-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | ARSENIC       | 1             | Y           | J             | J            |           | 1                   | mg/kg | 15.8   | mg/kg |
| RY095-NSB-D  | 09FC-RY095-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | BARIUM        | 20            | Y           | J             | J            |           | 20                  | mg/kg | 72.8   | mg/kg |
| RY095-NSB-D  | 09FC-RY095-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | BERYLLIUM     | 0.5           | Y           | J             |              | J         | 0.5                 | mg/kg | 0.26   | mg/kg |
| RY095-NSB-D  | 09FC-RY095-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | CADMIUM       | 0.5           | Y           |               |              |           | 0.5                 | mg/kg | 0.57   | mg/kg |
| RY095-NSB-D  | 09FC-RY095-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | CHROMIUM      | 1             | Y           | J             | J            |           | 1                   | mg/kg | 5.7    | mg/kg |



Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY095-NSB-D  | 09FC-RY095-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 6.6    | mg/kg |
| RY095-NSB-D  | 09FC-RY095-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 43.3   | mg/kg |
| RY095-NSB-D  | 09FC-RY095-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 5.6    | mg/kg |
| RY095-NSB-D  | 09FC-RY095-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 246    | mg/kg |
| RY095-NSB-D  | 09FC-RY095-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 35400  | mg/kg |
| RY095-NSB-D  | 09FC-RY095-NSB-D-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.6    | mg/kg |
| RY095-NSS-B  | 09FC-RY095-NSS-B-00002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | ALUMINUM      | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 4150   | mg/kg |
| RY095-NSS-B  | 09FC-RY095-NSS-B-00002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 7700   | mg/kg |
| RY095-NSS-B  | 09FC-RY095-NSS-B-00002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 592    | mg/kg |
| RY095-NSS-B  | 09FC-RY095-NSS-B-00002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 2370   | mg/kg |
| RY095-NSS-B  | 09FC-RY095-NSS-B-00002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 272    | mg/kg |
| RY095-NSS-B  | 09FC-RY095-NSS-B-00002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 5.2    | mg/kg |
| RY095-NSS-B  | 09FC-RY095-NSS-B-00002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | POTASSIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 1060   | mg/kg |
| RY095-NSS-B  | 09FC-RY095-NSS-B-00002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | SILVER        | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 4.8    | mg/kg |
| RY095-NSS-B  | 09FC-RY095-NSS-B-00002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY095-NSS-B  | 09FC-RY095-NSS-B-00002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.1    | mg/kg |
| RY095-NSS-B  | 09FC-RY095-NSS-B-00002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | ANTIMONY      | 6                   | Y           |               |              |           | 6                   | mg/kg | 32.8   | mg/kg |
| RY095-NSS-B  | 09FC-RY095-NSS-B-00002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 35.8   | mg/kg |
| RY095-NSS-B  | 09FC-RY095-NSS-B-00002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | BARIUM        | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 72.1   | mg/kg |
| RY095-NSS-B  | 09FC-RY095-NSS-B-00002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.28   | mg/kg |
| RY095-NSS-B  | 09FC-RY095-NSS-B-00002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 4.2    | mg/kg |
| RY095-NSS-B  | 09FC-RY095-NSS-B-00002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | CHROMIUM      | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 4.9    | mg/kg |
| RY095-NSS-B  | 09FC-RY095-NSS-B-00002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 3.7    | mg/kg |
| RY095-NSS-B  | 09FC-RY095-NSS-B-00002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 14.3   | mg/kg |
| RY095-NSS-B  | 09FC-RY095-NSS-B-00002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 8.5    | mg/kg |
| RY095-NSS-B  | 09FC-RY095-NSS-B-00002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 465    | mg/kg |
| RY095-NSS-B  | 09FC-RY095-NSS-B-00002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 2700   | mg/kg |
| RY095-NSS-B  | 09FC-RY095-NSS-B-00002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3      | mg/kg |
| RY097-NSB-B  | 09FC-RY097-NSB-B-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | ALUMINUM      | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 3280   | mg/kg |
| RY097-NSB-B  | 09FC-RY097-NSB-B-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 12000  | mg/kg |
| RY097-NSB-B  | 09FC-RY097-NSB-B-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 136    | mg/kg |
| RY097-NSB-B  | 09FC-RY097-NSB-B-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 6850   | mg/kg |
| RY097-NSB-B  | 09FC-RY097-NSB-B-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 340    | mg/kg |
| RY097-NSB-B  | 09FC-RY097-NSB-B-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 7.1    | mg/kg |
| RY097-NSB-B  | 09FC-RY097-NSB-B-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | POTASSIUM     | 500                 | Y           | J             | J            | J         | 500                 | mg/kg | 366    | mg/kg |
| RY097-NSB-B  | 09FC-RY097-NSB-B-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | SILVER        | 1                   | Y           | J+            | J+           | J         | 1                   | mg/kg | 0.89   | mg/kg |
| RY097-NSB-B  | 09FC-RY097-NSB-B-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY097-NSB-B  | 09FC-RY097-NSB-B-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 3.1    | mg/kg |
| RY097-NSB-B  | 09FC-RY097-NSB-B-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | ANTIMONY      | 6                   | Y           | J             |              | J         | 6                   | mg/kg | 7.3    | mg/kg |
| RY097-NSB-B  | 09FC-RY097-NSB-B-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 17     | mg/kg |
| RY097-NSB-B  | 09FC-RY097-NSB-B-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | BARIUM        | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 77.2   | mg/kg |
| RY097-NSB-B  | 09FC-RY097-NSB-B-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.2    | mg/kg |
| RY097-NSB-B  | 09FC-RY097-NSB-B-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 0.81   | mg/kg |
| RY097-NSB-B  | 09FC-RY097-NSB-B-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | CHROMIUM      | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 3      | mg/kg |
| RY097-NSB-B  | 09FC-RY097-NSB-B-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.3    | mg/kg |
| RY097-NSB-B  | 09FC-RY097-NSB-B-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 14.4   | mg/kg |
| RY097-NSB-B  | 09FC-RY097-NSB-B-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | VANADIUM      | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 5.1    | mg/kg |
| RY097-NSB-B  | 09FC-RY097-NSB-B-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 148    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                         |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY097-NSB-B  | 09FC-RY097-NSB-B-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | CALCIUM       | 500           | Y           | J             | J            |           | 500                 | mg/kg | 20400  | mg/kg |
| RY097-NSB-B  | 09FC-RY097-NSB-B-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | SELENIUM      | 3.5           | Y           | J             |              | J         | 3.5                 | mg/kg | 0.7    | mg/kg |
| RY097-NSB-B  | 09FC-RY097-NSB-B-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | ALUMINUM      | 20            | Y           | J             | J            |           | 20                  | mg/kg | 2870   | mg/kg |
| RY097-NSB-B  | 09FC-RY097-NSB-B-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | IRON          | 10            | Y           | J             | J            |           | 10                  | mg/kg | 11800  | mg/kg |
| RY097-NSB-B  | 09FC-RY097-NSB-B-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | LEAD          | 1             | Y           |               |              |           | 1                   | mg/kg | 119    | mg/kg |
| RY097-NSB-B  | 09FC-RY097-NSB-B-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 4970   | mg/kg |
| RY097-NSB-B  | 09FC-RY097-NSB-B-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | MANGANESE     | 1.5           | Y           | J             | J            |           | 1.5                 | mg/kg | 336    | mg/kg |
| RY097-NSB-B  | 09FC-RY097-NSB-B-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | NICKEL        | 4             | Y           |               |              |           | 4                   | mg/kg | 7      | mg/kg |
| RY097-NSB-B  | 09FC-RY097-NSB-B-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | POTASSIUM     | 500           | Y           | J             | J            | J         | 500                 | mg/kg | 311    | mg/kg |
| RY097-NSB-B  | 09FC-RY097-NSB-B-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | SILVER        | 1             | Y           | J+            | J+           | J         | 1                   | mg/kg | 0.92   | mg/kg |
| RY097-NSB-B  | 09FC-RY097-NSB-B-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | SODIUM        | 500           | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY097-NSB-B  | 09FC-RY097-NSB-B-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY097-NSB-B  | 09FC-RY097-NSB-B-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | ANTIMONY      | 6             | Y           |               |              |           | 6                   | mg/kg | 6.5    | mg/kg |
| RY097-NSB-B  | 09FC-RY097-NSB-B-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | ARSENIC       | 1             | Y           | J             | J            |           | 1                   | mg/kg | 20.3   | mg/kg |
| RY097-NSB-B  | 09FC-RY097-NSB-B-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | BARIUM        | 20            | Y           | J             | J            |           | 20                  | mg/kg | 96.2   | mg/kg |
| RY097-NSB-B  | 09FC-RY097-NSB-B-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | BERYLLIUM     | 0.5           | Y           | J             |              | J         | 0.5                 | mg/kg | 0.2    | mg/kg |
| RY097-NSB-B  | 09FC-RY097-NSB-B-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | CADMIUM       | 0.5           | Y           |               |              |           | 0.5                 | mg/kg | 1.1    | mg/kg |
| RY097-NSB-B  | 09FC-RY097-NSB-B-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | CHROMIUM      | 1             | Y           | J             | J            |           | 1                   | mg/kg | 2.6    | mg/kg |
| RY097-NSB-B  | 09FC-RY097-NSB-B-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | COBALT        | 5             | Y           | J             |              | J         | 5                   | mg/kg | 4.2    | mg/kg |
| RY097-NSB-B  | 09FC-RY097-NSB-B-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | COPPER        | 2.5           | Y           |               |              |           | 2.5                 | mg/kg | 16.5   | mg/kg |
| RY097-NSB-B  | 09FC-RY097-NSB-B-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | VANADIUM      | 5             | Y           | J             |              | J         | 5                   | mg/kg | 5      | mg/kg |
| RY097-NSB-B  | 09FC-RY097-NSB-B-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | ZINC          | 6             | Y           | J             | J            |           | 6                   | mg/kg | 156    | mg/kg |
| RY097-NSB-B  | 09FC-RY097-NSB-B-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | CALCIUM       | 500           | Y           | J             | J            |           | 500                 | mg/kg | 20800  | mg/kg |
| RY097-NSB-B  | 09FC-RY097-NSB-B-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | SELENIUM      | 3.5           | Y           | J             |              | J         | 3.5                 | mg/kg | 0.75   | mg/kg |
| RY097-NSB-C  | 09FC-RY097-NSB-C-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | ALUMINUM      | 20            | Y           | J             | J            |           | 20                  | mg/kg | 4480   | mg/kg |
| RY097-NSB-C  | 09FC-RY097-NSB-C-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | IRON          | 10            | Y           | J             | J            |           | 10                  | mg/kg | 13100  | mg/kg |
| RY097-NSB-C  | 09FC-RY097-NSB-C-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | LEAD          | 1             | Y           |               |              |           | 1                   | mg/kg | 353    | mg/kg |
| RY097-NSB-C  | 09FC-RY097-NSB-C-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 4290   | mg/kg |
| RY097-NSB-C  | 09FC-RY097-NSB-C-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | MANGANESE     | 1.5           | Y           | J             | J            |           | 1.5                 | mg/kg | 400    | mg/kg |
| RY097-NSB-C  | 09FC-RY097-NSB-C-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | NICKEL        | 4             | Y           |               |              |           | 4                   | mg/kg | 9      | mg/kg |
| RY097-NSB-C  | 09FC-RY097-NSB-C-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | POTASSIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 856    | mg/kg |
| RY097-NSB-C  | 09FC-RY097-NSB-C-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | SILVER        | 1             | Y           | J+            | J+           |           | 1                   | mg/kg | 2      | mg/kg |
| RY097-NSB-C  | 09FC-RY097-NSB-C-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | SODIUM        | 500           | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY097-NSB-C  | 09FC-RY097-NSB-C-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.8    | mg/kg |
| RY097-NSB-C  | 09FC-RY097-NSB-C-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | ANTIMONY      | 6             | Y           |               |              |           | 6                   | mg/kg | 17.2   | mg/kg |
| RY097-NSB-C  | 09FC-RY097-NSB-C-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | ARSENIC       | 1             | Y           | J             | J            |           | 1                   | mg/kg | 25.4   | mg/kg |
| RY097-NSB-C  | 09FC-RY097-NSB-C-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | BARIUM        | 20            | Y           | J             | J            |           | 20                  | mg/kg | 158    | mg/kg |
| RY097-NSB-C  | 09FC-RY097-NSB-C-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | BERYLLIUM     | 0.5           | Y           | J             |              | J         | 0.5                 | mg/kg | 0.25   | mg/kg |
| RY097-NSB-C  | 09FC-RY097-NSB-C-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | CADMIUM       | 0.5           | Y           |               |              |           | 0.5                 | mg/kg | 1.9    | mg/kg |
| RY097-NSB-C  | 09FC-RY097-NSB-C-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | CHROMIUM      | 1             | Y           | J             | J            |           | 1                   | mg/kg | 3.8    | mg/kg |
| RY097-NSB-C  | 09FC-RY097-NSB-C-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | COBALT        | 5             | Y           |               |              |           | 5                   | mg/kg | 5.7    | mg/kg |
| RY097-NSB-C  | 09FC-RY097-NSB-C-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | COPPER        | 2.5           | Y           |               |              |           | 2.5                 | mg/kg | 17.7   | mg/kg |
| RY097-NSB-C  | 09FC-RY097-NSB-C-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | VANADIUM      | 5             | Y           |               |              |           | 5                   | mg/kg | 6.9    | mg/kg |
| RY097-NSB-C  | 09FC-RY097-NSB-C-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | ZINC          | 6             | Y           | J             | J            |           | 6                   | mg/kg | 350    | mg/kg |
| RY097-NSB-C  | 09FC-RY097-NSB-C-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | CALCIUM       | 500           | Y           | J             | J            |           | 500                 | mg/kg | 18100  | mg/kg |
| RY097-NSB-C  | 09FC-RY097-NSB-C-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | SELENIUM      | 3.5           | N           | U             |              | U         | 3.5                 | mg/kg | 3.9    | mg/kg |
| RY097-NSB-C  | 09FC-RY097-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | ALUMINUM      | 20            | Y           | J             | J            |           | 20                  | mg/kg | 3910   | mg/kg |
| RY097-NSB-C  | 09FC-RY097-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | IRON          | 10            | Y           | J             | J            |           | 10                  | mg/kg | 13500  | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY097-NSB-C  | 09FC-RY097-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 151    | mg/kg |
| RY097-NSB-C  | 09FC-RY097-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 4790   | mg/kg |
| RY097-NSB-C  | 09FC-RY097-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 386    | mg/kg |
| RY097-NSB-C  | 09FC-RY097-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 8.3    | mg/kg |
| RY097-NSB-C  | 09FC-RY097-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | POTASSIUM     | 500                 | Y           | J             | J            | J         | 500                 | mg/kg | 594    | mg/kg |
| RY097-NSB-C  | 09FC-RY097-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | SILVER        | 1                   | Y           | J+            | J+           | J         | 1                   | mg/kg | 0.97   | mg/kg |
| RY097-NSB-C  | 09FC-RY097-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY097-NSB-C  | 09FC-RY097-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 3.1    | mg/kg |
| RY097-NSB-C  | 09FC-RY097-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | ANTIMONY      | 6                   | Y           |               |              |           | 6                   | mg/kg | 10.9   | mg/kg |
| RY097-NSB-C  | 09FC-RY097-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 20.1   | mg/kg |
| RY097-NSB-C  | 09FC-RY097-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | BARIUM        | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 89.1   | mg/kg |
| RY097-NSB-C  | 09FC-RY097-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.22   | mg/kg |
| RY097-NSB-C  | 09FC-RY097-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 1.2    | mg/kg |
| RY097-NSB-C  | 09FC-RY097-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | CHROMIUM      | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 3.3    | mg/kg |
| RY097-NSB-C  | 09FC-RY097-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 5.2    | mg/kg |
| RY097-NSB-C  | 09FC-RY097-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 14.9   | mg/kg |
| RY097-NSB-C  | 09FC-RY097-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 6.1    | mg/kg |
| RY097-NSB-C  | 09FC-RY097-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 207    | mg/kg |
| RY097-NSB-C  | 09FC-RY097-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 12900  | mg/kg |
| RY097-NSB-C  | 09FC-RY097-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.8    | mg/kg |
| RY097-NSS-C  | 09FC-RY097-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | ALUMINUM      | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 4440   | mg/kg |
| RY097-NSS-C  | 09FC-RY097-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 11400  | mg/kg |
| RY097-NSS-C  | 09FC-RY097-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 477    | mg/kg |
| RY097-NSS-C  | 09FC-RY097-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 3200   | mg/kg |
| RY097-NSS-C  | 09FC-RY097-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 392    | mg/kg |
| RY097-NSS-C  | 09FC-RY097-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 7.4    | mg/kg |
| RY097-NSS-C  | 09FC-RY097-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | POTASSIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 1040   | mg/kg |
| RY097-NSS-C  | 09FC-RY097-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | SILVER        | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 2.6    | mg/kg |
| RY097-NSS-C  | 09FC-RY097-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY097-NSS-C  | 09FC-RY097-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 3.3    | mg/kg |
| RY097-NSS-C  | 09FC-RY097-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | ANTIMONY      | 6                   | Y           |               |              |           | 6                   | mg/kg | 21.9   | mg/kg |
| RY097-NSS-C  | 09FC-RY097-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 27.4   | mg/kg |
| RY097-NSS-C  | 09FC-RY097-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | BARIUM        | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 110    | mg/kg |
| RY097-NSS-C  | 09FC-RY097-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.23   | mg/kg |
| RY097-NSS-C  | 09FC-RY097-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 2.5    | mg/kg |
| RY097-NSS-C  | 09FC-RY097-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | CHROMIUM      | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 23.9   | mg/kg |
| RY097-NSS-C  | 09FC-RY097-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.8    | mg/kg |
| RY097-NSS-C  | 09FC-RY097-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 16.3   | mg/kg |
| RY097-NSS-C  | 09FC-RY097-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 7.1    | mg/kg |
| RY097-NSS-C  | 09FC-RY097-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 412    | mg/kg |
| RY097-NSS-C  | 09FC-RY097-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 14300  | mg/kg |
| RY097-NSS-C  | 09FC-RY097-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.66   | mg/kg |
| RY098-NSB-A  | 09FC-RY098-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | ALUMINUM      | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 5740   | mg/kg |
| RY098-NSB-A  | 09FC-RY098-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 20400  | mg/kg |
| RY098-NSB-A  | 09FC-RY098-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 1260   | mg/kg |
| RY098-NSB-A  | 09FC-RY098-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 5010   | mg/kg |
| RY098-NSB-A  | 09FC-RY098-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 536    | mg/kg |
| RY098-NSB-A  | 09FC-RY098-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 9.2    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code          | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | result | unit        |
|--------------|--------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|--------|-------------|
|              |                          |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |        |             |
| RY098-NSB-A  | 09FC-RY098-NSB-A-002006  | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | POTASSIUM     | 500           | Y           | J             | J            |           | 500           | mg/kg  | 1210 mg/kg  |
| RY098-NSB-A  | 09FC-RY098-NSB-A-002006  | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | SILVER        | 1             | Y           | J+            | J+           |           | 1             | mg/kg  | 27.9 mg/kg  |
| RY098-NSB-A  | 09FC-RY098-NSB-A-002006  | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | SODIUM        | 500           | Y           | UJ            | UJ           | J         | 500           | mg/kg  | 500 mg/kg   |
| RY098-NSB-A  | 09FC-RY098-NSB-A-002006  | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5           | mg/kg  | 2.5 mg/kg   |
| RY098-NSB-A  | 09FC-RY098-NSB-A-002006  | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | ANTIMONY      | 6             | Y           |               |              |           | 6             | mg/kg  | 130 mg/kg   |
| RY098-NSB-A  | 09FC-RY098-NSB-A-002006  | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | ARSENIC       | 1             | Y           | J             | J            |           | 1             | mg/kg  | 151 mg/kg   |
| RY098-NSB-A  | 09FC-RY098-NSB-A-002006  | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | BARIUM        | 20            | Y           | J             | J            |           | 20            | mg/kg  | 80 mg/kg    |
| RY098-NSB-A  | 09FC-RY098-NSB-A-002006  | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | BERYLLIUM     | 0.5           | Y           | J             |              | J         | 0.5           | mg/kg  | 0.22 mg/kg  |
| RY098-NSB-A  | 09FC-RY098-NSB-A-002006  | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | CADMIUM       | 0.5           | Y           |               |              |           | 0.5           | mg/kg  | 5.2 mg/kg   |
| RY098-NSB-A  | 09FC-RY098-NSB-A-002006  | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | CHROMIUM      | 1             | Y           | J             | J            |           | 1             | mg/kg  | 13.7 mg/kg  |
| RY098-NSB-A  | 09FC-RY098-NSB-A-002006  | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | COBALT        | 5             | Y           |               |              |           | 5             | mg/kg  | 8.2 mg/kg   |
| RY098-NSB-A  | 09FC-RY098-NSB-A-002006  | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | COPPER        | 2.5           | Y           |               |              |           | 2.5           | mg/kg  | 73.2 mg/kg  |
| RY098-NSB-A  | 09FC-RY098-NSB-A-002006  | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | VANADIUM      | 5             | Y           |               |              |           | 5             | mg/kg  | 30 mg/kg    |
| RY098-NSB-A  | 09FC-RY098-NSB-A-002006  | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | ZINC          | 6             | Y           | J             | J            |           | 6             | mg/kg  | 861 mg/kg   |
| RY098-NSB-A  | 09FC-RY098-NSB-A-002006  | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | CALCIUM       | 500           | Y           | J             | J            |           | 500           | mg/kg  | 8610 mg/kg  |
| RY098-NSB-A  | 09FC-RY098-NSB-A-002006  | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | SELENIUM      | 3.5           | Y           | J             |              | J         | 3.5           | mg/kg  | 1.1 mg/kg   |
| RY098-NSB-A  | 09FC-RY098-NSB-A-0060126 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | ALUMINUM      | 20            | Y           | J             | J            |           | 20            | mg/kg  | 5550 mg/kg  |
| RY098-NSB-A  | 09FC-RY098-NSB-A-0060126 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | IRON          | 10            | Y           | J             | J            |           | 10            | mg/kg  | 21200 mg/kg |
| RY098-NSB-A  | 09FC-RY098-NSB-A-0060126 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | LEAD          | 1             | Y           |               |              |           | 1             | mg/kg  | 1350 mg/kg  |
| RY098-NSB-A  | 09FC-RY098-NSB-A-0060126 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500           | mg/kg  | 5110 mg/kg  |
| RY098-NSB-A  | 09FC-RY098-NSB-A-0060126 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | MANGANESE     | 1.5           | Y           | J             | J            |           | 1.5           | mg/kg  | 578 mg/kg   |
| RY098-NSB-A  | 09FC-RY098-NSB-A-0060126 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | NICKEL        | 4             | Y           |               |              |           | 4             | mg/kg  | 9.1 mg/kg   |
| RY098-NSB-A  | 09FC-RY098-NSB-A-0060126 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | POTASSIUM     | 500           | Y           | J             | J            |           | 500           | mg/kg  | 1180 mg/kg  |
| RY098-NSB-A  | 09FC-RY098-NSB-A-0060126 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | SILVER        | 1             | Y           | J+            | J+           |           | 1             | mg/kg  | 6.9 mg/kg   |
| RY098-NSB-A  | 09FC-RY098-NSB-A-0060126 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | SODIUM        | 500           | Y           | UJ            | UJ           | J         | 500           | mg/kg  | 500 mg/kg   |
| RY098-NSB-A  | 09FC-RY098-NSB-A-0060126 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5           | mg/kg  | 2.5 mg/kg   |
| RY098-NSB-A  | 09FC-RY098-NSB-A-0060126 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | ANTIMONY      | 6             | Y           |               |              |           | 6             | mg/kg  | 119 mg/kg   |
| RY098-NSB-A  | 09FC-RY098-NSB-A-0060126 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | ARSENIC       | 1             | Y           | J             | J            |           | 1             | mg/kg  | 131 mg/kg   |
| RY098-NSB-A  | 09FC-RY098-NSB-A-0060126 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | BARIUM        | 20            | Y           | J             | J            |           | 20            | mg/kg  | 65.6 mg/kg  |
| RY098-NSB-A  | 09FC-RY098-NSB-A-0060126 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | BERYLLIUM     | 0.5           | Y           | J             |              | J         | 0.5           | mg/kg  | 0.21 mg/kg  |
| RY098-NSB-A  | 09FC-RY098-NSB-A-0060126 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | CADMIUM       | 0.5           | Y           |               |              |           | 0.5           | mg/kg  | 3.8 mg/kg   |
| RY098-NSB-A  | 09FC-RY098-NSB-A-0060126 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | CHROMIUM      | 1             | Y           | J             | J            |           | 1             | mg/kg  | 6 mg/kg     |
| RY098-NSB-A  | 09FC-RY098-NSB-A-0060126 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | COBALT        | 5             | Y           |               |              |           | 5             | mg/kg  | 8.4 mg/kg   |
| RY098-NSB-A  | 09FC-RY098-NSB-A-0060126 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | COPPER        | 2.5           | Y           |               |              |           | 2.5           | mg/kg  | 69.8 mg/kg  |
| RY098-NSB-A  | 09FC-RY098-NSB-A-0060126 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | VANADIUM      | 5             | Y           |               |              |           | 5             | mg/kg  | 31.6 mg/kg  |
| RY098-NSB-A  | 09FC-RY098-NSB-A-0060126 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | ZINC          | 6             | Y           | J             | J            |           | 6             | mg/kg  | 635 mg/kg   |
| RY098-NSB-A  | 09FC-RY098-NSB-A-0060126 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | CALCIUM       | 500           | Y           | J             | J            |           | 500           | mg/kg  | 10100 mg/kg |
| RY098-NSB-A  | 09FC-RY098-NSB-A-0060126 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | SELENIUM      | 3.5           | Y           | J             |              | J         | 3.5           | mg/kg  | 0.92 mg/kg  |
| RY098-NSB-C  | 09FC-RY098-NSB-C-002006  | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | ALUMINUM      | 20            | Y           | J             | J            |           | 20            | mg/kg  | 3730 mg/kg  |
| RY098-NSB-C  | 09FC-RY098-NSB-C-002006  | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | IRON          | 10            | Y           | J             | J            |           | 10            | mg/kg  | 14900 mg/kg |
| RY098-NSB-C  | 09FC-RY098-NSB-C-002006  | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | LEAD          | 1             | Y           |               |              |           | 1             | mg/kg  | 1040 mg/kg  |
| RY098-NSB-C  | 09FC-RY098-NSB-C-002006  | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500           | mg/kg  | 4780 mg/kg  |
| RY098-NSB-C  | 09FC-RY098-NSB-C-002006  | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | MANGANESE     | 1.5           | Y           | J             | J            |           | 1.5           | mg/kg  | 567 mg/kg   |
| RY098-NSB-C  | 09FC-RY098-NSB-C-002006  | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | NICKEL        | 4             | Y           |               |              |           | 4             | mg/kg  | 7.5 mg/kg   |
| RY098-NSB-C  | 09FC-RY098-NSB-C-002006  | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | POTASSIUM     | 500           | Y           | J             | J            |           | 500           | mg/kg  | 782 mg/kg   |
| RY098-NSB-C  | 09FC-RY098-NSB-C-002006  | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | SILVER        | 1             | Y           | J+            | J+           |           | 1             | mg/kg  | 8.6 mg/kg   |
| RY098-NSB-C  | 09FC-RY098-NSB-C-002006  | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | SODIUM        | 500           | Y           | UJ            | UJ           | J         | 500           | mg/kg  | 500 mg/kg   |
| RY098-NSB-C  | 09FC-RY098-NSB-C-002006  | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5           | mg/kg  | 2.5 mg/kg   |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                         |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY098-NSB-C  | 09FC-RY098-NSB-C-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | ANTIMONY      | 6             | Y           |               |              |           | 6             | mg/kg | 86.4   | mg/kg |
| RY098-NSB-C  | 09FC-RY098-NSB-C-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | ARSENIC       | 1             | Y           | J             | J            |           | 1             | mg/kg | 139    | mg/kg |
| RY098-NSB-C  | 09FC-RY098-NSB-C-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | BARIUM        | 20            | Y           | J             | J            |           | 20            | mg/kg | 96     | mg/kg |
| RY098-NSB-C  | 09FC-RY098-NSB-C-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | BERYLLIUM     | 0.5           | Y           | J             |              | J         | 0.5           | mg/kg | 0.21   | mg/kg |
| RY098-NSB-C  | 09FC-RY098-NSB-C-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | CADMIUM       | 0.5           | Y           |               |              |           | 0.5           | mg/kg | 6.6    | mg/kg |
| RY098-NSB-C  | 09FC-RY098-NSB-C-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | CHROMIUM      | 1             | Y           | J             | J            |           | 1             | mg/kg | 3.8    | mg/kg |
| RY098-NSB-C  | 09FC-RY098-NSB-C-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | COBALT        | 5             | Y           | J             |              | J         | 5             | mg/kg | 4.8    | mg/kg |
| RY098-NSB-C  | 09FC-RY098-NSB-C-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | COPPER        | 2.5           | Y           |               |              |           | 2.5           | mg/kg | 25.6   | mg/kg |
| RY098-NSB-C  | 09FC-RY098-NSB-C-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | VANADIUM      | 5             | Y           |               |              |           | 5             | mg/kg | 6.5    | mg/kg |
| RY098-NSB-C  | 09FC-RY098-NSB-C-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | ZINC          | 6             | Y           | J             | J            |           | 6             | mg/kg | 1060   | mg/kg |
| RY098-NSB-C  | 09FC-RY098-NSB-C-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | CALCIUM       | 500           | Y           | J             | J            |           | 500           | mg/kg | 28800  | mg/kg |
| RY098-NSB-C  | 09FC-RY098-NSB-C-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | SELENIUM      | 3.5           | Y           | J             |              | J         | 3.5           | mg/kg | 0.8    | mg/kg |
| RY098-NSB-C  | 09FC-RY098-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | ALUMINUM      | 20            | Y           | J             | J            |           | 20            | mg/kg | 3880   | mg/kg |
| RY098-NSB-C  | 09FC-RY098-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | IRON          | 10            | Y           | J             | J            |           | 10            | mg/kg | 15500  | mg/kg |
| RY098-NSB-C  | 09FC-RY098-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | LEAD          | 1             | Y           |               |              |           | 1             | mg/kg | 811    | mg/kg |
| RY098-NSB-C  | 09FC-RY098-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500           | mg/kg | 5350   | mg/kg |
| RY098-NSB-C  | 09FC-RY098-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | MANGANESE     | 1.5           | Y           | J             | J            |           | 1.5           | mg/kg | 690    | mg/kg |
| RY098-NSB-C  | 09FC-RY098-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | NICKEL        | 4             | Y           |               |              |           | 4             | mg/kg | 8.4    | mg/kg |
| RY098-NSB-C  | 09FC-RY098-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | POTASSIUM     | 500           | Y           | J             | J            |           | 500           | mg/kg | 853    | mg/kg |
| RY098-NSB-C  | 09FC-RY098-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | SILVER        | 1             | Y           | J+            | J+           |           | 1             | mg/kg | 4.6    | mg/kg |
| RY098-NSB-C  | 09FC-RY098-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | SODIUM        | 500           | Y           | UJ            | UJ           | J         | 500           | mg/kg | 500    | mg/kg |
| RY098-NSB-C  | 09FC-RY098-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5           | mg/kg | 2.3    | mg/kg |
| RY098-NSB-C  | 09FC-RY098-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | ANTIMONY      | 6             | Y           |               |              |           | 6             | mg/kg | 50.6   | mg/kg |
| RY098-NSB-C  | 09FC-RY098-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | ARSENIC       | 1             | Y           | J             | J            |           | 1             | mg/kg | 99.1   | mg/kg |
| RY098-NSB-C  | 09FC-RY098-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | BARIUM        | 20            | Y           | J             | J            |           | 20            | mg/kg | 80.2   | mg/kg |
| RY098-NSB-C  | 09FC-RY098-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | BERYLLIUM     | 0.5           | Y           | J             |              | J         | 0.5           | mg/kg | 0.19   | mg/kg |
| RY098-NSB-C  | 09FC-RY098-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | CADMIUM       | 0.5           | Y           |               |              |           | 0.5           | mg/kg | 4.5    | mg/kg |
| RY098-NSB-C  | 09FC-RY098-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | CHROMIUM      | 1             | Y           | J             | J            |           | 1             | mg/kg | 4.7    | mg/kg |
| RY098-NSB-C  | 09FC-RY098-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | COBALT        | 5             | Y           |               |              |           | 5             | mg/kg | 5.6    | mg/kg |
| RY098-NSB-C  | 09FC-RY098-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | COPPER        | 2.5           | Y           |               |              |           | 2.5           | mg/kg | 26.8   | mg/kg |
| RY098-NSB-C  | 09FC-RY098-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | VANADIUM      | 5             | Y           |               |              |           | 5             | mg/kg | 7.4    | mg/kg |
| RY098-NSB-C  | 09FC-RY098-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | ZINC          | 6             | Y           | J             | J            |           | 6             | mg/kg | 795    | mg/kg |
| RY098-NSB-C  | 09FC-RY098-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | CALCIUM       | 500           | Y           | J             | J            |           | 500           | mg/kg | 29500  | mg/kg |
| RY098-NSB-C  | 09FC-RY098-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | SELENIUM      | 3.5           | Y           | J             |              | J         | 3.5           | mg/kg | 0.59   | mg/kg |
| RY098-NSS-A  | 09FC-RY098-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | ALUMINUM      | 20            | Y           | J             | J            |           | 20            | mg/kg | 2450   | mg/kg |
| RY098-NSS-A  | 09FC-RY098-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | IRON          | 10            | Y           | J             | J            |           | 10            | mg/kg | 12100  | mg/kg |
| RY098-NSS-A  | 09FC-RY098-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | LEAD          | 1             | Y           |               |              |           | 1             | mg/kg | 1160   | mg/kg |
| RY098-NSS-A  | 09FC-RY098-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500           | mg/kg | 2750   | mg/kg |
| RY098-NSS-A  | 09FC-RY098-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | MANGANESE     | 1.5           | Y           | J             | J            |           | 1.5           | mg/kg | 466    | mg/kg |
| RY098-NSS-A  | 09FC-RY098-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | NICKEL        | 4             | Y           |               |              |           | 4             | mg/kg | 5.1    | mg/kg |
| RY098-NSS-A  | 09FC-RY098-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | POTASSIUM     | 500           | Y           | J             | J            |           | 500           | mg/kg | 660    | mg/kg |
| RY098-NSS-A  | 09FC-RY098-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | SILVER        | 1             | Y           | J+            | J+           |           | 1             | mg/kg | 6.6    | mg/kg |
| RY098-NSS-A  | 09FC-RY098-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | SODIUM        | 500           | Y           | UJ            | UJ           | J         | 500           | mg/kg | 500    | mg/kg |
| RY098-NSS-A  | 09FC-RY098-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5           | mg/kg | 1.8    | mg/kg |
| RY098-NSS-A  | 09FC-RY098-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | ANTIMONY      | 6             | Y           |               |              |           | 6             | mg/kg | 110    | mg/kg |
| RY098-NSS-A  | 09FC-RY098-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | ARSENIC       | 1             | Y           | J             | J            |           | 1             | mg/kg | 125    | mg/kg |
| RY098-NSS-A  | 09FC-RY098-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | BARIUM        | 20            | Y           | J             | J            |           | 20            | mg/kg | 59.7   | mg/kg |
| RY098-NSS-A  | 09FC-RY098-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | BERYLLIUM     | 0.5           | Y           | J             |              | J         | 0.5           | mg/kg | 0.16   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY098-NSS-A  | 09FC-RY098-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 3.2    | mg/kg |
| RY098-NSS-A  | 09FC-RY098-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | CHROMIUM      | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 4.1    | mg/kg |
| RY098-NSS-A  | 09FC-RY098-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 2.8    | mg/kg |
| RY098-NSS-A  | 09FC-RY098-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 19     | mg/kg |
| RY098-NSS-A  | 09FC-RY098-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 6.2    | mg/kg |
| RY098-NSS-A  | 09FC-RY098-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 556    | mg/kg |
| RY098-NSS-A  | 09FC-RY098-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 5720   | mg/kg |
| RY098-NSS-A  | 09FC-RY098-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.6    | mg/kg |
| RY098-NSS-B  | 09FC-RY098-NSS-B-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | ALUMINUM      | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 3240   | mg/kg |
| RY098-NSS-B  | 09FC-RY098-NSS-B-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 8890   | mg/kg |
| RY098-NSS-B  | 09FC-RY098-NSS-B-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 475    | mg/kg |
| RY098-NSS-B  | 09FC-RY098-NSS-B-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 3260   | mg/kg |
| RY098-NSS-B  | 09FC-RY098-NSS-B-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 338    | mg/kg |
| RY098-NSS-B  | 09FC-RY098-NSS-B-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 7      | mg/kg |
| RY098-NSS-B  | 09FC-RY098-NSS-B-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | POTASSIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 956    | mg/kg |
| RY098-NSS-B  | 09FC-RY098-NSS-B-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | SILVER        | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 5.2    | mg/kg |
| RY098-NSS-B  | 09FC-RY098-NSS-B-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY098-NSS-B  | 09FC-RY098-NSS-B-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.5    | mg/kg |
| RY098-NSS-B  | 09FC-RY098-NSS-B-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | ANTIMONY      | 6                   | Y           |               |              |           | 6                   | mg/kg | 35.8   | mg/kg |
| RY098-NSS-B  | 09FC-RY098-NSS-B-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 97.3   | mg/kg |
| RY098-NSS-B  | 09FC-RY098-NSS-B-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | BARIUM        | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 82.9   | mg/kg |
| RY098-NSS-B  | 09FC-RY098-NSS-B-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.24   | mg/kg |
| RY098-NSS-B  | 09FC-RY098-NSS-B-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 3.1    | mg/kg |
| RY098-NSS-B  | 09FC-RY098-NSS-B-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | CHROMIUM      | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 7.7    | mg/kg |
| RY098-NSS-B  | 09FC-RY098-NSS-B-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.3    | mg/kg |
| RY098-NSS-B  | 09FC-RY098-NSS-B-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 20.7   | mg/kg |
| RY098-NSS-B  | 09FC-RY098-NSS-B-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 9.5    | mg/kg |
| RY098-NSS-B  | 09FC-RY098-NSS-B-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 635    | mg/kg |
| RY098-NSS-B  | 09FC-RY098-NSS-B-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 7730   | mg/kg |
| RY098-NSS-B  | 09FC-RY098-NSS-B-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.9    | mg/kg |
| RY098-NSS-C  | 09FC-RY098-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | ALUMINUM      | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 3020   | mg/kg |
| RY098-NSS-C  | 09FC-RY098-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 10300  | mg/kg |
| RY098-NSS-C  | 09FC-RY098-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 392    | mg/kg |
| RY098-NSS-C  | 09FC-RY098-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 5970   | mg/kg |
| RY098-NSS-C  | 09FC-RY098-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 370    | mg/kg |
| RY098-NSS-C  | 09FC-RY098-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.6    | mg/kg |
| RY098-NSS-C  | 09FC-RY098-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | POTASSIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 636    | mg/kg |
| RY098-NSS-C  | 09FC-RY098-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | SILVER        | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 2.4    | mg/kg |
| RY098-NSS-C  | 09FC-RY098-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY098-NSS-C  | 09FC-RY098-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.5    | mg/kg |
| RY098-NSS-C  | 09FC-RY098-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | ANTIMONY      | 6                   | Y           |               |              |           | 6                   | mg/kg | 25.2   | mg/kg |
| RY098-NSS-C  | 09FC-RY098-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 59.5   | mg/kg |
| RY098-NSS-C  | 09FC-RY098-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | BARIUM        | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 63.5   | mg/kg |
| RY098-NSS-C  | 09FC-RY098-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.17   | mg/kg |
| RY098-NSS-C  | 09FC-RY098-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 2.8    | mg/kg |
| RY098-NSS-C  | 09FC-RY098-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | CHROMIUM      | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 4.1    | mg/kg |
| RY098-NSS-C  | 09FC-RY098-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 3.9    | mg/kg |
| RY098-NSS-C  | 09FC-RY098-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 16.5   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY098-NSS-C  | 09FC-RY098-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 5.1    | mg/kg |
| RY098-NSS-C  | 09FC-RY098-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 515    | mg/kg |
| RY098-NSS-C  | 09FC-RY098-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 29000  | mg/kg |
| RY098-NSS-C  | 09FC-RY098-NSS-C-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.59   | mg/kg |
| RY099-NSB-A  | 09FC-RY099-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | ALUMINUM      | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 4000   | mg/kg |
| RY099-NSB-A  | 09FC-RY099-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 8910   | mg/kg |
| RY099-NSB-A  | 09FC-RY099-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 103    | mg/kg |
| RY099-NSB-A  | 09FC-RY099-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 3370   | mg/kg |
| RY099-NSB-A  | 09FC-RY099-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 279    | mg/kg |
| RY099-NSB-A  | 09FC-RY099-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 7.1    | mg/kg |
| RY099-NSB-A  | 09FC-RY099-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | POTASSIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 1050   | mg/kg |
| RY099-NSB-A  | 09FC-RY099-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | SILVER        | 1                   | Y           | J+            | J+           | J         | 1                   | mg/kg | 0.29   | mg/kg |
| RY099-NSB-A  | 09FC-RY099-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY099-NSB-A  | 09FC-RY099-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.3    | mg/kg |
| RY099-NSB-A  | 09FC-RY099-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | ANTIMONY      | 6                   | Y           | J             |              | J         | 6                   | mg/kg | 2.1    | mg/kg |
| RY099-NSB-A  | 09FC-RY099-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 9.6    | mg/kg |
| RY099-NSB-A  | 09FC-RY099-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | BARIUM        | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 91.8   | mg/kg |
| RY099-NSB-A  | 09FC-RY099-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.23   | mg/kg |
| RY099-NSB-A  | 09FC-RY099-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 0.74   | mg/kg |
| RY099-NSB-A  | 09FC-RY099-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | CHROMIUM      | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 8.3    | mg/kg |
| RY099-NSB-A  | 09FC-RY099-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.2    | mg/kg |
| RY099-NSB-A  | 09FC-RY099-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 18.1   | mg/kg |
| RY099-NSB-A  | 09FC-RY099-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 6.8    | mg/kg |
| RY099-NSB-A  | 09FC-RY099-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 128    | mg/kg |
| RY099-NSB-A  | 09FC-RY099-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 9770   | mg/kg |
| RY099-NSB-A  | 09FC-RY099-NSB-A-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.5    | mg/kg |
| RY099-NSS-A  | 09FC-RY099-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | ALUMINUM      | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 4350   | mg/kg |
| RY099-NSS-A  | 09FC-RY099-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 12200  | mg/kg |
| RY099-NSS-A  | 09FC-RY099-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 119    | mg/kg |
| RY099-NSS-A  | 09FC-RY099-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 3850   | mg/kg |
| RY099-NSS-A  | 09FC-RY099-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 344    | mg/kg |
| RY099-NSS-A  | 09FC-RY099-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 7.8    | mg/kg |
| RY099-NSS-A  | 09FC-RY099-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | POTASSIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 1300   | mg/kg |
| RY099-NSS-A  | 09FC-RY099-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | SILVER        | 1                   | Y           | J+            | J+           | J         | 1                   | mg/kg | 0.3    | mg/kg |
| RY099-NSS-A  | 09FC-RY099-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY099-NSS-A  | 09FC-RY099-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.4    | mg/kg |
| RY099-NSS-A  | 09FC-RY099-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | ANTIMONY      | 6                   | Y           | J             |              | J         | 6                   | mg/kg | 2.3    | mg/kg |
| RY099-NSS-A  | 09FC-RY099-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 12.2   | mg/kg |
| RY099-NSS-A  | 09FC-RY099-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | BARIUM        | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 112    | mg/kg |
| RY099-NSS-A  | 09FC-RY099-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.26   | mg/kg |
| RY099-NSS-A  | 09FC-RY099-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 1.1    | mg/kg |
| RY099-NSS-A  | 09FC-RY099-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | CHROMIUM      | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 10.2   | mg/kg |
| RY099-NSS-A  | 09FC-RY099-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.5    | mg/kg |
| RY099-NSS-A  | 09FC-RY099-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 23.2   | mg/kg |
| RY099-NSS-A  | 09FC-RY099-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 7.2    | mg/kg |
| RY099-NSS-A  | 09FC-RY099-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 178    | mg/kg |
| RY099-NSS-A  | 09FC-RY099-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 12100  | mg/kg |
| RY099-NSS-A  | 09FC-RY099-NSS-A-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.52   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                         |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY099-NSS-A  | 09FC-RY099-NSS-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | ALUMINUM      | 20            | Y           | J             | J            |           | 20                  | mg/kg | 4000   | mg/kg |
| RY099-NSS-A  | 09FC-RY099-NSS-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | IRON          | 10            | Y           | J             | J            |           | 10                  | mg/kg | 10200  | mg/kg |
| RY099-NSS-A  | 09FC-RY099-NSS-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | LEAD          | 1             | Y           |               |              |           | 1                   | mg/kg | 93.1   | mg/kg |
| RY099-NSS-A  | 09FC-RY099-NSS-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 3550   | mg/kg |
| RY099-NSS-A  | 09FC-RY099-NSS-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | MANGANESE     | 1.5           | Y           | J             | J            |           | 1.5                 | mg/kg | 363    | mg/kg |
| RY099-NSS-A  | 09FC-RY099-NSS-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | NICKEL        | 4             | Y           |               |              |           | 4                   | mg/kg | 6.9    | mg/kg |
| RY099-NSS-A  | 09FC-RY099-NSS-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | POTASSIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 1130   | mg/kg |
| RY099-NSS-A  | 09FC-RY099-NSS-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | SILVER        | 1             | Y           | J+            | J+           | J         | 1                   | mg/kg | 0.26   | mg/kg |
| RY099-NSS-A  | 09FC-RY099-NSS-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | SODIUM        | 500           | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY099-NSS-A  | 09FC-RY099-NSS-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY099-NSS-A  | 09FC-RY099-NSS-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | ANTIMONY      | 6             | Y           | J             |              | J         | 6                   | mg/kg | 3.5    | mg/kg |
| RY099-NSS-A  | 09FC-RY099-NSS-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | ARSENIC       | 1             | Y           | J             | J            |           | 1                   | mg/kg | 10.5   | mg/kg |
| RY099-NSS-A  | 09FC-RY099-NSS-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | BARIUM        | 20            | Y           | J             | J            |           | 20                  | mg/kg | 94.9   | mg/kg |
| RY099-NSS-A  | 09FC-RY099-NSS-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | BERYLLIUM     | 0.5           | Y           | J             |              | J         | 0.5                 | mg/kg | 0.23   | mg/kg |
| RY099-NSS-A  | 09FC-RY099-NSS-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | CADMIUM       | 0.5           | Y           |               |              |           | 0.5                 | mg/kg | 0.72   | mg/kg |
| RY099-NSS-A  | 09FC-RY099-NSS-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | CHROMIUM      | 1             | Y           | J             | J            |           | 1                   | mg/kg | 7.1    | mg/kg |
| RY099-NSS-A  | 09FC-RY099-NSS-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | COBALT        | 5             | Y           | J             |              | J         | 5                   | mg/kg | 3.9    | mg/kg |
| RY099-NSS-A  | 09FC-RY099-NSS-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | COPPER        | 2.5           | Y           |               |              |           | 2.5                 | mg/kg | 18.1   | mg/kg |
| RY099-NSS-A  | 09FC-RY099-NSS-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | VANADIUM      | 5             | Y           |               |              |           | 5                   | mg/kg | 6.7    | mg/kg |
| RY099-NSS-A  | 09FC-RY099-NSS-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | ZINC          | 6             | Y           | J             | J            |           | 6                   | mg/kg | 153    | mg/kg |
| RY099-NSS-A  | 09FC-RY099-NSS-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | CALCIUM       | 500           | Y           | J             | J            |           | 500                 | mg/kg | 10500  | mg/kg |
| RY099-NSS-A  | 09FC-RY099-NSS-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/13/2009    | SELENIUM      | 3.5           | N           | U             |              | U         | 3.5                 | mg/kg | 3.7    | mg/kg |
| RY099-NSS-B  | 09FC-RY099-NSS-B-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | ALUMINUM      | 20            | Y           | J             | J            |           | 20                  | mg/kg | 4780   | mg/kg |
| RY099-NSS-B  | 09FC-RY099-NSS-B-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | IRON          | 10            | Y           | J             | J            |           | 10                  | mg/kg | 12000  | mg/kg |
| RY099-NSS-B  | 09FC-RY099-NSS-B-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | LEAD          | 1             | Y           |               |              |           | 1                   | mg/kg | 495    | mg/kg |
| RY099-NSS-B  | 09FC-RY099-NSS-B-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 2930   | mg/kg |
| RY099-NSS-B  | 09FC-RY099-NSS-B-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | MANGANESE     | 1.5           | Y           | J             | J            |           | 1.5                 | mg/kg | 557    | mg/kg |
| RY099-NSS-B  | 09FC-RY099-NSS-B-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | NICKEL        | 4             | Y           |               |              |           | 4                   | mg/kg | 7.2    | mg/kg |
| RY099-NSS-B  | 09FC-RY099-NSS-B-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | POTASSIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 855    | mg/kg |
| RY099-NSS-B  | 09FC-RY099-NSS-B-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | SILVER        | 1             | Y           | J+            | J+           |           | 1                   | mg/kg | 1.1    | mg/kg |
| RY099-NSS-B  | 09FC-RY099-NSS-B-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | SODIUM        | 500           | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY099-NSS-B  | 09FC-RY099-NSS-B-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.5    | mg/kg |
| RY099-NSS-B  | 09FC-RY099-NSS-B-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | ANTIMONY      | 6             | Y           |               |              |           | 6                   | mg/kg | 13.4   | mg/kg |
| RY099-NSS-B  | 09FC-RY099-NSS-B-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | ARSENIC       | 1             | Y           | J             | J            |           | 1                   | mg/kg | 17.6   | mg/kg |
| RY099-NSS-B  | 09FC-RY099-NSS-B-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | BARIUM        | 20            | Y           | J             | J            |           | 20                  | mg/kg | 164    | mg/kg |
| RY099-NSS-B  | 09FC-RY099-NSS-B-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | BERYLLIUM     | 0.5           | Y           | J             |              | J         | 0.5                 | mg/kg | 0.26   | mg/kg |
| RY099-NSS-B  | 09FC-RY099-NSS-B-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | CADMIUM       | 0.5           | Y           |               |              |           | 0.5                 | mg/kg | 2.4    | mg/kg |
| RY099-NSS-B  | 09FC-RY099-NSS-B-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | CHROMIUM      | 1             | Y           | J             | J            |           | 1                   | mg/kg | 6.4    | mg/kg |
| RY099-NSS-B  | 09FC-RY099-NSS-B-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | COBALT        | 5             | Y           | J             |              | J         | 5                   | mg/kg | 4.5    | mg/kg |
| RY099-NSS-B  | 09FC-RY099-NSS-B-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | COPPER        | 2.5           | Y           |               |              |           | 2.5                 | mg/kg | 24.7   | mg/kg |
| RY099-NSS-B  | 09FC-RY099-NSS-B-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | VANADIUM      | 5             | Y           |               |              |           | 5                   | mg/kg | 6.7    | mg/kg |
| RY099-NSS-B  | 09FC-RY099-NSS-B-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | ZINC          | 6             | Y           | J             | J            |           | 6                   | mg/kg | 744    | mg/kg |
| RY099-NSS-B  | 09FC-RY099-NSS-B-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | CALCIUM       | 500           | Y           | J             | J            |           | 500                 | mg/kg | 5310   | mg/kg |
| RY099-NSS-B  | 09FC-RY099-NSS-B-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/13/2009    | SELENIUM      | 3.5           | Y           | J             |              | J         | 3.5                 | mg/kg | 0.69   | mg/kg |
| RY100-DSB-B  | 09FC-RY100-DSB-B-002006 | 8/19/2009   | FD          | 2           | 6         | in         | C200.7          | 10/13/2009    | ALUMINUM      | 20            | Y           | J             | J            |           | 20                  | mg/kg | 3590   | mg/kg |
| RY100-DSB-B  | 09FC-RY100-DSB-B-002006 | 8/19/2009   | FD          | 2           | 6         | in         | C200.7          | 10/13/2009    | IRON          | 10            | Y           | J             | J            |           | 10                  | mg/kg | 16100  | mg/kg |
| RY100-DSB-B  | 09FC-RY100-DSB-B-002006 | 8/19/2009   | FD          | 2           | 6         | in         | C200.7          | 10/13/2009    | LEAD          | 1             | Y           | J             | J            |           | 1                   | mg/kg | 532    | mg/kg |
| RY100-DSB-B  | 09FC-RY100-DSB-B-002006 | 8/19/2009   | FD          | 2           | 6         | in         | C200.7          | 10/13/2009    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 4570   | mg/kg |



Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY100-DSB-B  | 09FC-RY100-DSB-B-002006 | 8/19/2009   | FD          | 2           | 6         | in         | C200.7          | 10/13/2009    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 886    | mg/kg |
| RY100-DSB-B  | 09FC-RY100-DSB-B-002006 | 8/19/2009   | FD          | 2           | 6         | in         | C200.7          | 10/13/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.4    | mg/kg |
| RY100-DSB-B  | 09FC-RY100-DSB-B-002006 | 8/19/2009   | FD          | 2           | 6         | in         | C200.7          | 10/13/2009    | POTASSIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 1120   | mg/kg |
| RY100-DSB-B  | 09FC-RY100-DSB-B-002006 | 8/19/2009   | FD          | 2           | 6         | in         | C200.7          | 10/13/2009    | SILVER        | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 3.1    | mg/kg |
| RY100-DSB-B  | 09FC-RY100-DSB-B-002006 | 8/19/2009   | FD          | 2           | 6         | in         | C200.7          | 10/13/2009    | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY100-DSB-B  | 09FC-RY100-DSB-B-002006 | 8/19/2009   | FD          | 2           | 6         | in         | C200.7          | 10/13/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.1    | mg/kg |
| RY100-DSB-B  | 09FC-RY100-DSB-B-002006 | 8/19/2009   | FD          | 2           | 6         | in         | C200.7          | 10/13/2009    | ANTIMONY      | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 54     | mg/kg |
| RY100-DSB-B  | 09FC-RY100-DSB-B-002006 | 8/19/2009   | FD          | 2           | 6         | in         | C200.7          | 10/13/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 60     | mg/kg |
| RY100-DSB-B  | 09FC-RY100-DSB-B-002006 | 8/19/2009   | FD          | 2           | 6         | in         | C200.7          | 10/13/2009    | BARIUM        | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 80.2   | mg/kg |
| RY100-DSB-B  | 09FC-RY100-DSB-B-002006 | 8/19/2009   | FD          | 2           | 6         | in         | C200.7          | 10/13/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.2    | mg/kg |
| RY100-DSB-B  | 09FC-RY100-DSB-B-002006 | 8/19/2009   | FD          | 2           | 6         | in         | C200.7          | 10/13/2009    | CADMIUM       | 0.5                 | Y           | J             | J            |           | 0.5                 | mg/kg | 5      | mg/kg |
| RY100-DSB-B  | 09FC-RY100-DSB-B-002006 | 8/19/2009   | FD          | 2           | 6         | in         | C200.7          | 10/13/2009    | CHROMIUM      | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 7.5    | mg/kg |
| RY100-DSB-B  | 09FC-RY100-DSB-B-002006 | 8/19/2009   | FD          | 2           | 6         | in         | C200.7          | 10/13/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 3.6    | mg/kg |
| RY100-DSB-B  | 09FC-RY100-DSB-B-002006 | 8/19/2009   | FD          | 2           | 6         | in         | C200.7          | 10/13/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 15.6   | mg/kg |
| RY100-DSB-B  | 09FC-RY100-DSB-B-002006 | 8/19/2009   | FD          | 2           | 6         | in         | C200.7          | 10/13/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 6.1    | mg/kg |
| RY100-DSB-B  | 09FC-RY100-DSB-B-002006 | 8/19/2009   | FD          | 2           | 6         | in         | C200.7          | 10/13/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 879    | mg/kg |
| RY100-DSB-B  | 09FC-RY100-DSB-B-002006 | 8/19/2009   | FD          | 2           | 6         | in         | C200.7          | 10/13/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 13100  | mg/kg |
| RY100-DSB-B  | 09FC-RY100-DSB-B-002006 | 8/19/2009   | FD          | 2           | 6         | in         | C200.7          | 10/13/2009    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.99   | mg/kg |
| RY100-NSB-A  | 09FC-RY100-NSB-A-002006 | 9/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | ALUMINUM      | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 2750   | mg/kg |
| RY100-NSB-A  | 09FC-RY100-NSB-A-002006 | 9/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 9670   | mg/kg |
| RY100-NSB-A  | 09FC-RY100-NSB-A-002006 | 9/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 437    | mg/kg |
| RY100-NSB-A  | 09FC-RY100-NSB-A-002006 | 9/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 4040   | mg/kg |
| RY100-NSB-A  | 09FC-RY100-NSB-A-002006 | 9/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 513    | mg/kg |
| RY100-NSB-A  | 09FC-RY100-NSB-A-002006 | 9/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 5.2    | mg/kg |
| RY100-NSB-A  | 09FC-RY100-NSB-A-002006 | 9/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | POTASSIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 859    | mg/kg |
| RY100-NSB-A  | 09FC-RY100-NSB-A-002006 | 9/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | SILVER        | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 4.3    | mg/kg |
| RY100-NSB-A  | 09FC-RY100-NSB-A-002006 | 9/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY100-NSB-A  | 09FC-RY100-NSB-A-002006 | 9/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.2    | mg/kg |
| RY100-NSB-A  | 09FC-RY100-NSB-A-002006 | 9/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | ANTIMONY      | 6                   | Y           |               |              |           | 6                   | mg/kg | 37.2   | mg/kg |
| RY100-NSB-A  | 09FC-RY100-NSB-A-002006 | 9/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 45.2   | mg/kg |
| RY100-NSB-A  | 09FC-RY100-NSB-A-002006 | 9/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | BARIUM        | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 60.3   | mg/kg |
| RY100-NSB-A  | 09FC-RY100-NSB-A-002006 | 9/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.18   | mg/kg |
| RY100-NSB-A  | 09FC-RY100-NSB-A-002006 | 9/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | CADMIUM       | 0.5                 | Y           | J             | J            |           | 0.5                 | mg/kg | 3.4    | mg/kg |
| RY100-NSB-A  | 09FC-RY100-NSB-A-002006 | 9/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | CHROMIUM      | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 7.3    | mg/kg |
| RY100-NSB-A  | 09FC-RY100-NSB-A-002006 | 9/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 3      | mg/kg |
| RY100-NSB-A  | 09FC-RY100-NSB-A-002006 | 9/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 16.3   | mg/kg |
| RY100-NSB-A  | 09FC-RY100-NSB-A-002006 | 9/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 4.7    | mg/kg |
| RY100-NSB-A  | 09FC-RY100-NSB-A-002006 | 9/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 562    | mg/kg |
| RY100-NSB-A  | 09FC-RY100-NSB-A-002006 | 9/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 12200  | mg/kg |
| RY100-NSB-A  | 09FC-RY100-NSB-A-002006 | 9/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/13/2009    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3      | mg/kg |
| RY100-NSB-A  | 09FC-RY100-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ALUMINUM      | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 3780   | mg/kg |
| RY100-NSB-A  | 09FC-RY100-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 10800  | mg/kg |
| RY100-NSB-A  | 09FC-RY100-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 470    | mg/kg |
| RY100-NSB-A  | 09FC-RY100-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 4260   | mg/kg |
| RY100-NSB-A  | 09FC-RY100-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 514    | mg/kg |
| RY100-NSB-A  | 09FC-RY100-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.6    | mg/kg |
| RY100-NSB-A  | 09FC-RY100-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | POTASSIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 1040   | mg/kg |
| RY100-NSB-A  | 09FC-RY100-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | SILVER        | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 4.5    | mg/kg |

## Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY100-NSB-A  | 09FC-RY100-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY100-NSB-A  | 09FC-RY100-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY100-NSB-A  | 09FC-RY100-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ANTIMONY      | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 33.2   | mg/kg |
| RY100-NSB-A  | 09FC-RY100-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 52.3   | mg/kg |
| RY100-NSB-A  | 09FC-RY100-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | BARIUM        | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 72.6   | mg/kg |
| RY100-NSB-A  | 09FC-RY100-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.26   | mg/kg |
| RY100-NSB-A  | 09FC-RY100-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 3.3    | mg/kg |
| RY100-NSB-A  | 09FC-RY100-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 9.8    | mg/kg |
| RY100-NSB-A  | 09FC-RY100-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4      | mg/kg |
| RY100-NSB-A  | 09FC-RY100-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 17.4   | mg/kg |
| RY100-NSB-A  | 09FC-RY100-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 6      | mg/kg |
| RY100-NSB-A  | 09FC-RY100-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 689    | mg/kg |
| RY100-NSB-A  | 09FC-RY100-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 12400  | mg/kg |
| RY100-NSB-A  | 09FC-RY100-NSB-A-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | SELENIUM      | 3.5                 | Y           | U             | U            | J         | 3.5                 | mg/kg | 3.5    | mg/kg |
| RY100-NSB-B  | 09FC-RY100-NSB-B-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | ALUMINUM      | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 4710   | mg/kg |
| RY100-NSB-B  | 09FC-RY100-NSB-B-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 11300  | mg/kg |
| RY100-NSB-B  | 09FC-RY100-NSB-B-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 297    | mg/kg |
| RY100-NSB-B  | 09FC-RY100-NSB-B-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 4250   | mg/kg |
| RY100-NSB-B  | 09FC-RY100-NSB-B-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 503    | mg/kg |
| RY100-NSB-B  | 09FC-RY100-NSB-B-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.6    | mg/kg |
| RY100-NSB-B  | 09FC-RY100-NSB-B-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | POTASSIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 1130   | mg/kg |
| RY100-NSB-B  | 09FC-RY100-NSB-B-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | SILVER        | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 1.9    | mg/kg |
| RY100-NSB-B  | 09FC-RY100-NSB-B-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY100-NSB-B  | 09FC-RY100-NSB-B-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.4    | mg/kg |
| RY100-NSB-B  | 09FC-RY100-NSB-B-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | ANTIMONY      | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 20.3   | mg/kg |
| RY100-NSB-B  | 09FC-RY100-NSB-B-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 37.3   | mg/kg |
| RY100-NSB-B  | 09FC-RY100-NSB-B-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | BARIUM        | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 86.2   | mg/kg |
| RY100-NSB-B  | 09FC-RY100-NSB-B-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.29   | mg/kg |
| RY100-NSB-B  | 09FC-RY100-NSB-B-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | CADMIUM       | 0.5                 | Y           | J             | J            |           | 0.5                 | mg/kg | 0.94   | mg/kg |
| RY100-NSB-B  | 09FC-RY100-NSB-B-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 8.2    | mg/kg |
| RY100-NSB-B  | 09FC-RY100-NSB-B-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 3.9    | mg/kg |
| RY100-NSB-B  | 09FC-RY100-NSB-B-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 14.8   | mg/kg |
| RY100-NSB-B  | 09FC-RY100-NSB-B-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 7.3    | mg/kg |
| RY100-NSB-B  | 09FC-RY100-NSB-B-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 299    | mg/kg |
| RY100-NSB-B  | 09FC-RY100-NSB-B-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 10200  | mg/kg |
| RY100-NSB-B  | 09FC-RY100-NSB-B-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/21/2009    | SELENIUM      | 3.5                 | Y           | U             | U            | J         | 3.5                 | mg/kg | 3.5    | mg/kg |
| RY100-NSB-B  | 09FC-RY100-NSB-B-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 3900   | mg/kg |
| RY100-NSB-B  | 09FC-RY100-NSB-B-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 12800  | mg/kg |
| RY100-NSB-B  | 09FC-RY100-NSB-B-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 715    | mg/kg |
| RY100-NSB-B  | 09FC-RY100-NSB-B-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3860   | mg/kg |
| RY100-NSB-B  | 09FC-RY100-NSB-B-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 654    | mg/kg |
| RY100-NSB-B  | 09FC-RY100-NSB-B-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.6    | mg/kg |
| RY100-NSB-B  | 09FC-RY100-NSB-B-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1100   | mg/kg |
| RY100-NSB-B  | 09FC-RY100-NSB-B-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | SILVER        | 1                   | Y           |               |              |           | 1                   | mg/kg | 5      | mg/kg |
| RY100-NSB-B  | 09FC-RY100-NSB-B-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY100-NSB-B  | 09FC-RY100-NSB-B-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.3    | mg/kg |
| RY100-NSB-B  | 09FC-RY100-NSB-B-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | ANTIMONY      | 6                   | Y           |               |              |           | 6                   | mg/kg | 71     | mg/kg |
| RY100-NSB-B  | 09FC-RY100-NSB-B-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 90.8   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY100-NSB-B  | 09FC-RY100-NSB-B-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 81.6   | mg/kg |
| RY100-NSB-B  | 09FC-RY100-NSB-B-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.21   | mg/kg |
| RY100-NSB-B  | 09FC-RY100-NSB-B-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 3.6    | mg/kg |
| RY100-NSB-B  | 09FC-RY100-NSB-B-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | CHROMIUM      | 1                   | Y           | J-            | J-           |           | 1                   | mg/kg | 5.8    | mg/kg |
| RY100-NSB-B  | 09FC-RY100-NSB-B-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 3.9    | mg/kg |
| RY100-NSB-B  | 09FC-RY100-NSB-B-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 17.9   | mg/kg |
| RY100-NSB-B  | 09FC-RY100-NSB-B-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 6      | mg/kg |
| RY100-NSB-B  | 09FC-RY100-NSB-B-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 576    | mg/kg |
| RY100-NSB-B  | 09FC-RY100-NSB-B-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 13000  | mg/kg |
| RY100-NSB-B  | 09FC-RY100-NSB-B-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.76   | mg/kg |
| RY100-NSB-C  | 09FC-RY100-NSB-C-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 2810   | mg/kg |
| RY100-NSB-C  | 09FC-RY100-NSB-C-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 7630   | mg/kg |
| RY100-NSB-C  | 09FC-RY100-NSB-C-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 192    | mg/kg |
| RY100-NSB-C  | 09FC-RY100-NSB-C-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 4390   | mg/kg |
| RY100-NSB-C  | 09FC-RY100-NSB-C-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 302    | mg/kg |
| RY100-NSB-C  | 09FC-RY100-NSB-C-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 5.6    | mg/kg |
| RY100-NSB-C  | 09FC-RY100-NSB-C-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 854    | mg/kg |
| RY100-NSB-C  | 09FC-RY100-NSB-C-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | SILVER        | 1                   | Y           |               |              |           | 1                   | mg/kg | 1.1    | mg/kg |
| RY100-NSB-C  | 09FC-RY100-NSB-C-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY100-NSB-C  | 09FC-RY100-NSB-C-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2      | mg/kg |
| RY100-NSB-C  | 09FC-RY100-NSB-C-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | ANTIMONY      | 6                   | Y           |               |              |           | 6                   | mg/kg | 26.2   | mg/kg |
| RY100-NSB-C  | 09FC-RY100-NSB-C-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 26.1   | mg/kg |
| RY100-NSB-C  | 09FC-RY100-NSB-C-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 50.5   | mg/kg |
| RY100-NSB-C  | 09FC-RY100-NSB-C-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.17   | mg/kg |
| RY100-NSB-C  | 09FC-RY100-NSB-C-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 1.7    | mg/kg |
| RY100-NSB-C  | 09FC-RY100-NSB-C-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | CHROMIUM      | 1                   | Y           | J-            | J-           |           | 1                   | mg/kg | 4.8    | mg/kg |
| RY100-NSB-C  | 09FC-RY100-NSB-C-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 3.2    | mg/kg |
| RY100-NSB-C  | 09FC-RY100-NSB-C-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 10.4   | mg/kg |
| RY100-NSB-C  | 09FC-RY100-NSB-C-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | VANADIUM      | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4      | mg/kg |
| RY100-NSB-C  | 09FC-RY100-NSB-C-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 339    | mg/kg |
| RY100-NSB-C  | 09FC-RY100-NSB-C-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 19300  | mg/kg |
| RY100-NSB-C  | 09FC-RY100-NSB-C-002006 | 8/19/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.5    | mg/kg |
| RY100-NSB-C  | 09FC-RY100-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 2650   | mg/kg |
| RY100-NSB-C  | 09FC-RY100-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 8010   | mg/kg |
| RY100-NSB-C  | 09FC-RY100-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 240    | mg/kg |
| RY100-NSB-C  | 09FC-RY100-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 4450   | mg/kg |
| RY100-NSB-C  | 09FC-RY100-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 308    | mg/kg |
| RY100-NSB-C  | 09FC-RY100-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 5.6    | mg/kg |
| RY100-NSB-C  | 09FC-RY100-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 778    | mg/kg |
| RY100-NSB-C  | 09FC-RY100-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | SILVER        | 1                   | Y           |               |              |           | 1                   | mg/kg | 1.2    | mg/kg |
| RY100-NSB-C  | 09FC-RY100-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY100-NSB-C  | 09FC-RY100-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2      | mg/kg |
| RY100-NSB-C  | 09FC-RY100-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | ANTIMONY      | 6                   | Y           |               |              |           | 6                   | mg/kg | 27.4   | mg/kg |
| RY100-NSB-C  | 09FC-RY100-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 28.7   | mg/kg |
| RY100-NSB-C  | 09FC-RY100-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 52.6   | mg/kg |
| RY100-NSB-C  | 09FC-RY100-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.18   | mg/kg |
| RY100-NSB-C  | 09FC-RY100-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 1.4    | mg/kg |
| RY100-NSB-C  | 09FC-RY100-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | CHROMIUM      | 1                   | Y           | J-            | J-           |           | 1                   | mg/kg | 6.3    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY100-NSB-C  | 09FC-RY100-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 3.2    | mg/kg |
| RY100-NSB-C  | 09FC-RY100-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 11.3   | mg/kg |
| RY100-NSB-C  | 09FC-RY100-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | VANADIUM      | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 3.7    | mg/kg |
| RY100-NSB-C  | 09FC-RY100-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 303    | mg/kg |
| RY100-NSB-C  | 09FC-RY100-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 17500  | mg/kg |
| RY100-NSB-C  | 09FC-RY100-NSB-C-006012 | 8/19/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.77   | mg/kg |
| RY100-NSS-A  | 09FC-RY100-NSS-A-00002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 3300   | mg/kg |
| RY100-NSS-A  | 09FC-RY100-NSS-A-00002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 9120   | mg/kg |
| RY100-NSS-A  | 09FC-RY100-NSS-A-00002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 530    | mg/kg |
| RY100-NSS-A  | 09FC-RY100-NSS-A-00002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 4700   | mg/kg |
| RY100-NSS-A  | 09FC-RY100-NSS-A-00002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 411    | mg/kg |
| RY100-NSS-A  | 09FC-RY100-NSS-A-00002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 5.3    | mg/kg |
| RY100-NSS-A  | 09FC-RY100-NSS-A-00002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1070   | mg/kg |
| RY100-NSS-A  | 09FC-RY100-NSS-A-00002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | SILVER        | 1                   | Y           |               |              |           | 1                   | mg/kg | 3.3    | mg/kg |
| RY100-NSS-A  | 09FC-RY100-NSS-A-00002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY100-NSS-A  | 09FC-RY100-NSS-A-00002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.1    | mg/kg |
| RY100-NSS-A  | 09FC-RY100-NSS-A-00002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | ANTIMONY      | 6                   | Y           |               |              |           | 6                   | mg/kg | 45.6   | mg/kg |
| RY100-NSS-A  | 09FC-RY100-NSS-A-00002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 66.1   | mg/kg |
| RY100-NSS-A  | 09FC-RY100-NSS-A-00002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 75.6   | mg/kg |
| RY100-NSS-A  | 09FC-RY100-NSS-A-00002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.2    | mg/kg |
| RY100-NSS-A  | 09FC-RY100-NSS-A-00002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 3.7    | mg/kg |
| RY100-NSS-A  | 09FC-RY100-NSS-A-00002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | CHROMIUM      | 1                   | Y           | J-            | J-           |           | 1                   | mg/kg | 5.7    | mg/kg |
| RY100-NSS-A  | 09FC-RY100-NSS-A-00002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 3.2    | mg/kg |
| RY100-NSS-A  | 09FC-RY100-NSS-A-00002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 13.8   | mg/kg |
| RY100-NSS-A  | 09FC-RY100-NSS-A-00002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 5.4    | mg/kg |
| RY100-NSS-A  | 09FC-RY100-NSS-A-00002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 638    | mg/kg |
| RY100-NSS-A  | 09FC-RY100-NSS-A-00002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 20100  | mg/kg |
| RY100-NSS-A  | 09FC-RY100-NSS-A-00002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 2.9    | mg/kg |
| RY100-NSS-B  | 09FC-RY100-NSS-B-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 4530   | mg/kg |
| RY100-NSS-B  | 09FC-RY100-NSS-B-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 8760   | mg/kg |
| RY100-NSS-B  | 09FC-RY100-NSS-B-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 202    | mg/kg |
| RY100-NSS-B  | 09FC-RY100-NSS-B-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 4410   | mg/kg |
| RY100-NSS-B  | 09FC-RY100-NSS-B-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 323    | mg/kg |
| RY100-NSS-B  | 09FC-RY100-NSS-B-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 7.2    | mg/kg |
| RY100-NSS-B  | 09FC-RY100-NSS-B-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1410   | mg/kg |
| RY100-NSS-B  | 09FC-RY100-NSS-B-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | SILVER        | 1                   | Y           |               |              |           | 1                   | mg/kg | 1.1    | mg/kg |
| RY100-NSS-B  | 09FC-RY100-NSS-B-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY100-NSS-B  | 09FC-RY100-NSS-B-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 1.9    | mg/kg |
| RY100-NSS-B  | 09FC-RY100-NSS-B-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | ANTIMONY      | 6                   | Y           |               |              |           | 6                   | mg/kg | 10.8   | mg/kg |
| RY100-NSS-B  | 09FC-RY100-NSS-B-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 23.5   | mg/kg |
| RY100-NSS-B  | 09FC-RY100-NSS-B-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 106    | mg/kg |
| RY100-NSS-B  | 09FC-RY100-NSS-B-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.24   | mg/kg |
| RY100-NSS-B  | 09FC-RY100-NSS-B-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 1.4    | mg/kg |
| RY100-NSS-B  | 09FC-RY100-NSS-B-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | CHROMIUM      | 1                   | Y           | J-            | J-           |           | 1                   | mg/kg | 7.6    | mg/kg |
| RY100-NSS-B  | 09FC-RY100-NSS-B-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 4.5    | mg/kg |
| RY100-NSS-B  | 09FC-RY100-NSS-B-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 15.3   | mg/kg |
| RY100-NSS-B  | 09FC-RY100-NSS-B-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 7      | mg/kg |
| RY100-NSS-B  | 09FC-RY100-NSS-B-000002 | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 236    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code          | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|--------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY100-NSS-B  | 09FC-RY100-NSS-B-000002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 11400  | mg/kg |
| RY100-NSS-B  | 09FC-RY100-NSS-B-000002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 2.7    | mg/kg |
| RY100-NSS-C  | 09FC-RY100-NSS-C-000002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 2690   | mg/kg |
| RY100-NSS-C  | 09FC-RY100-NSS-C-000002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 7410   | mg/kg |
| RY100-NSS-C  | 09FC-RY100-NSS-C-000002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 333    | mg/kg |
| RY100-NSS-C  | 09FC-RY100-NSS-C-000002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3590   | mg/kg |
| RY100-NSS-C  | 09FC-RY100-NSS-C-000002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 287    | mg/kg |
| RY100-NSS-C  | 09FC-RY100-NSS-C-000002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 5.3    | mg/kg |
| RY100-NSS-C  | 09FC-RY100-NSS-C-000002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 798    | mg/kg |
| RY100-NSS-C  | 09FC-RY100-NSS-C-000002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | SILVER        | 1                   | Y           |               |              |           | 1                   | mg/kg | 1.3    | mg/kg |
| RY100-NSS-C  | 09FC-RY100-NSS-C-000002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY100-NSS-C  | 09FC-RY100-NSS-C-000002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.1    | mg/kg |
| RY100-NSS-C  | 09FC-RY100-NSS-C-000002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | ANTIMONY      | 6                   | Y           |               |              |           | 6                   | mg/kg | 24.1   | mg/kg |
| RY100-NSS-C  | 09FC-RY100-NSS-C-000002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 32.9   | mg/kg |
| RY100-NSS-C  | 09FC-RY100-NSS-C-000002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 80     | mg/kg |
| RY100-NSS-C  | 09FC-RY100-NSS-C-000002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.16   | mg/kg |
| RY100-NSS-C  | 09FC-RY100-NSS-C-000002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 2.7    | mg/kg |
| RY100-NSS-C  | 09FC-RY100-NSS-C-000002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | CHROMIUM      | 1                   | Y           | J-            | J-           |           | 1                   | mg/kg | 4.9    | mg/kg |
| RY100-NSS-C  | 09FC-RY100-NSS-C-000002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 3.8    | mg/kg |
| RY100-NSS-C  | 09FC-RY100-NSS-C-000002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 12.8   | mg/kg |
| RY100-NSS-C  | 09FC-RY100-NSS-C-000002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | VANADIUM      | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 3.7    | mg/kg |
| RY100-NSS-C  | 09FC-RY100-NSS-C-000002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 523    | mg/kg |
| RY100-NSS-C  | 09FC-RY100-NSS-C-000002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 16800  | mg/kg |
| RY100-NSS-C  | 09FC-RY100-NSS-C-000002  | 8/19/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 2.9    | mg/kg |
| RY101-DSB-A  | 09FC-RY101-DSB-AE-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 5840   | mg/kg |
| RY101-DSB-A  | 09FC-RY101-DSB-AE-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 13500  | mg/kg |
| RY101-DSB-A  | 09FC-RY101-DSB-AE-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 169    | mg/kg |
| RY101-DSB-A  | 09FC-RY101-DSB-AE-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3630   | mg/kg |
| RY101-DSB-A  | 09FC-RY101-DSB-AE-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 490    | mg/kg |
| RY101-DSB-A  | 09FC-RY101-DSB-AE-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 8      | mg/kg |
| RY101-DSB-A  | 09FC-RY101-DSB-AE-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | POTASSIUM     | 500                 | Y           | J-            | J-           |           | 500                 | mg/kg | 1220   | mg/kg |
| RY101-DSB-A  | 09FC-RY101-DSB-AE-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | SILVER        | 1                   | Y           | J             |              | J         | 1                   | mg/kg | 0.63   | mg/kg |
| RY101-DSB-A  | 09FC-RY101-DSB-AE-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY101-DSB-A  | 09FC-RY101-DSB-AE-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.9    | mg/kg |
| RY101-DSB-A  | 09FC-RY101-DSB-AE-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | ANTIMONY      | 6                   | Y           | J             | J            | J         | 6                   | mg/kg | 5.8    | mg/kg |
| RY101-DSB-A  | 09FC-RY101-DSB-AE-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 19.2   | mg/kg |
| RY101-DSB-A  | 09FC-RY101-DSB-AE-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 158    | mg/kg |
| RY101-DSB-A  | 09FC-RY101-DSB-AE-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.26   | mg/kg |
| RY101-DSB-A  | 09FC-RY101-DSB-AE-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 1      | mg/kg |
| RY101-DSB-A  | 09FC-RY101-DSB-AE-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | CHROMIUM      | 1                   | Y           | J-            | J-           |           | 1                   | mg/kg | 5.2    | mg/kg |
| RY101-DSB-A  | 09FC-RY101-DSB-AE-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 5.4    | mg/kg |
| RY101-DSB-A  | 09FC-RY101-DSB-AE-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 19.4   | mg/kg |
| RY101-DSB-A  | 09FC-RY101-DSB-AE-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 7.7    | mg/kg |
| RY101-DSB-A  | 09FC-RY101-DSB-AE-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 228    | mg/kg |
| RY101-DSB-A  | 09FC-RY101-DSB-AE-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 8960   | mg/kg |
| RY101-DSB-A  | 09FC-RY101-DSB-AE-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.77   | mg/kg |
| RY101-NSB-A  | 09FC-RY101-NSB-A-002006  | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 5030   | mg/kg |
| RY101-NSB-A  | 09FC-RY101-NSB-A-002006  | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 9340   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY101-NSB-A  | 09FC-RY101-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 216    | mg/kg |
| RY101-NSB-A  | 09FC-RY101-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2830   | mg/kg |
| RY101-NSB-A  | 09FC-RY101-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 386    | mg/kg |
| RY101-NSB-A  | 09FC-RY101-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 5.9    | mg/kg |
| RY101-NSB-A  | 09FC-RY101-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 899    | mg/kg |
| RY101-NSB-A  | 09FC-RY101-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | SILVER        | 1                   | Y           |               |              |           | 1                   | mg/kg | 1.1    | mg/kg |
| RY101-NSB-A  | 09FC-RY101-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY101-NSB-A  | 09FC-RY101-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.2    | mg/kg |
| RY101-NSB-A  | 09FC-RY101-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | ANTIMONY      | 6                   | Y           |               |              |           | 6                   | mg/kg | 18.1   | mg/kg |
| RY101-NSB-A  | 09FC-RY101-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 25     | mg/kg |
| RY101-NSB-A  | 09FC-RY101-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 90     | mg/kg |
| RY101-NSB-A  | 09FC-RY101-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.26   | mg/kg |
| RY101-NSB-A  | 09FC-RY101-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 1.2    | mg/kg |
| RY101-NSB-A  | 09FC-RY101-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | CHROMIUM      | 1                   | Y           | J-            | J-           |           | 1                   | mg/kg | 6.1    | mg/kg |
| RY101-NSB-A  | 09FC-RY101-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.2    | mg/kg |
| RY101-NSB-A  | 09FC-RY101-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 11.5   | mg/kg |
| RY101-NSB-A  | 09FC-RY101-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 8.5    | mg/kg |
| RY101-NSB-A  | 09FC-RY101-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 232    | mg/kg |
| RY101-NSB-A  | 09FC-RY101-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 6000   | mg/kg |
| RY101-NSB-A  | 09FC-RY101-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.57   | mg/kg |
| RY101-NSB-A  | 09FC-RY101-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 3190   | mg/kg |
| RY101-NSB-A  | 09FC-RY101-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 28500  | mg/kg |
| RY101-NSB-A  | 09FC-RY101-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 3800   | mg/kg |
| RY101-NSB-A  | 09FC-RY101-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3160   | mg/kg |
| RY101-NSB-A  | 09FC-RY101-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 1990   | mg/kg |
| RY101-NSB-A  | 09FC-RY101-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 5.6    | mg/kg |
| RY101-NSB-A  | 09FC-RY101-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 609    | mg/kg |
| RY101-NSB-A  | 09FC-RY101-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | SILVER        | 1                   | Y           |               |              |           | 1                   | mg/kg | 31     | mg/kg |
| RY101-NSB-A  | 09FC-RY101-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY101-NSB-A  | 09FC-RY101-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.4    | mg/kg |
| RY101-NSB-A  | 09FC-RY101-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | ANTIMONY      | 6                   | Y           |               |              |           | 6                   | mg/kg | 453    | mg/kg |
| RY101-NSB-A  | 09FC-RY101-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 552    | mg/kg |
| RY101-NSB-A  | 09FC-RY101-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 51.8   | mg/kg |
| RY101-NSB-A  | 09FC-RY101-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.098  | mg/kg |
| RY101-NSB-A  | 09FC-RY101-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 13.5   | mg/kg |
| RY101-NSB-A  | 09FC-RY101-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | CHROMIUM      | 1                   | Y           | J-            | J-           |           | 1                   | mg/kg | 3.4    | mg/kg |
| RY101-NSB-A  | 09FC-RY101-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 2.9    | mg/kg |
| RY101-NSB-A  | 09FC-RY101-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 27.5   | mg/kg |
| RY101-NSB-A  | 09FC-RY101-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 5.4    | mg/kg |
| RY101-NSB-A  | 09FC-RY101-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 2020   | mg/kg |
| RY101-NSB-A  | 09FC-RY101-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 9140   | mg/kg |
| RY101-NSB-A  | 09FC-RY101-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 1.3    | mg/kg |
| RY101-NSB-B  | 09FC-RY101-NSB-B-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 3750   | mg/kg |
| RY101-NSB-B  | 09FC-RY101-NSB-B-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 8390   | mg/kg |
| RY101-NSB-B  | 09FC-RY101-NSB-B-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 73.8   | mg/kg |
| RY101-NSB-B  | 09FC-RY101-NSB-B-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2250   | mg/kg |
| RY101-NSB-B  | 09FC-RY101-NSB-B-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 297    | mg/kg |
| RY101-NSB-B  | 09FC-RY101-NSB-B-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 5.8    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY101-NSB-B  | 09FC-RY101-NSB-B-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1170   | mg/kg |
| RY101-NSB-B  | 09FC-RY101-NSB-B-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | SILVER        | 1                   | Y           | J             |              | J         | 1                   | mg/kg | 0.32   | mg/kg |
| RY101-NSB-B  | 09FC-RY101-NSB-B-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY101-NSB-B  | 09FC-RY101-NSB-B-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 1.8    | mg/kg |
| RY101-NSB-B  | 09FC-RY101-NSB-B-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | ANTIMONY      | 6                   | Y           | J             |              | J         | 6                   | mg/kg | 4.1    | mg/kg |
| RY101-NSB-B  | 09FC-RY101-NSB-B-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 16.9   | mg/kg |
| RY101-NSB-B  | 09FC-RY101-NSB-B-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 107    | mg/kg |
| RY101-NSB-B  | 09FC-RY101-NSB-B-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.2    | mg/kg |
| RY101-NSB-B  | 09FC-RY101-NSB-B-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | CADMIUM       | 0.5                 | Y           | U             | U            |           | 0.5                 | mg/kg | 0.5    | mg/kg |
| RY101-NSB-B  | 09FC-RY101-NSB-B-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | CHROMIUM      | 1                   | Y           | J-            | J-           |           | 1                   | mg/kg | 3.9    | mg/kg |
| RY101-NSB-B  | 09FC-RY101-NSB-B-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 3.9    | mg/kg |
| RY101-NSB-B  | 09FC-RY101-NSB-B-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 13.3   | mg/kg |
| RY101-NSB-B  | 09FC-RY101-NSB-B-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 6      | mg/kg |
| RY101-NSB-B  | 09FC-RY101-NSB-B-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 119    | mg/kg |
| RY101-NSB-B  | 09FC-RY101-NSB-B-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 4930   | mg/kg |
| RY101-NSB-B  | 09FC-RY101-NSB-B-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 2.6    | mg/kg |
| RY101-NSB-C  | 09FC-RY101-NSB-C-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 2650   | mg/kg |
| RY101-NSB-C  | 09FC-RY101-NSB-C-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 26700  | mg/kg |
| RY101-NSB-C  | 09FC-RY101-NSB-C-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 2980   | mg/kg |
| RY101-NSB-C  | 09FC-RY101-NSB-C-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2740   | mg/kg |
| RY101-NSB-C  | 09FC-RY101-NSB-C-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 1740   | mg/kg |
| RY101-NSB-C  | 09FC-RY101-NSB-C-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6      | mg/kg |
| RY101-NSB-C  | 09FC-RY101-NSB-C-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 750    | mg/kg |
| RY101-NSB-C  | 09FC-RY101-NSB-C-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | SILVER        | 1                   | Y           |               |              |           | 1                   | mg/kg | 15.9   | mg/kg |
| RY101-NSB-C  | 09FC-RY101-NSB-C-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY101-NSB-C  | 09FC-RY101-NSB-C-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.1    | mg/kg |
| RY101-NSB-C  | 09FC-RY101-NSB-C-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | ANTIMONY      | 6                   | Y           |               |              |           | 6                   | mg/kg | 415    | mg/kg |
| RY101-NSB-C  | 09FC-RY101-NSB-C-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 539    | mg/kg |
| RY101-NSB-C  | 09FC-RY101-NSB-C-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 54.9   | mg/kg |
| RY101-NSB-C  | 09FC-RY101-NSB-C-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.11   | mg/kg |
| RY101-NSB-C  | 09FC-RY101-NSB-C-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 48.9   | mg/kg |
| RY101-NSB-C  | 09FC-RY101-NSB-C-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | CHROMIUM      | 1                   | Y           | J-            | J-           |           | 1                   | mg/kg | 3.1    | mg/kg |
| RY101-NSB-C  | 09FC-RY101-NSB-C-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4      | mg/kg |
| RY101-NSB-C  | 09FC-RY101-NSB-C-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 21.4   | mg/kg |
| RY101-NSB-C  | 09FC-RY101-NSB-C-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 4.5    | mg/kg |
| RY101-NSB-C  | 09FC-RY101-NSB-C-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 7600   | mg/kg |
| RY101-NSB-C  | 09FC-RY101-NSB-C-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 7280   | mg/kg |
| RY101-NSB-C  | 09FC-RY101-NSB-C-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 1      | mg/kg |
| RY101-NSB-C  | 09FC-RY101-NSB-C-06012  | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 4610   | mg/kg |
| RY101-NSB-C  | 09FC-RY101-NSB-C-06012  | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 13800  | mg/kg |
| RY101-NSB-C  | 09FC-RY101-NSB-C-06012  | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 1020   | mg/kg |
| RY101-NSB-C  | 09FC-RY101-NSB-C-06012  | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3110   | mg/kg |
| RY101-NSB-C  | 09FC-RY101-NSB-C-06012  | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 614    | mg/kg |
| RY101-NSB-C  | 09FC-RY101-NSB-C-06012  | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 7.5    | mg/kg |
| RY101-NSB-C  | 09FC-RY101-NSB-C-06012  | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1230   | mg/kg |
| RY101-NSB-C  | 09FC-RY101-NSB-C-06012  | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | SILVER        | 1                   | Y           |               |              |           | 1                   | mg/kg | 4      | mg/kg |
| RY101-NSB-C  | 09FC-RY101-NSB-C-06012  | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY101-NSB-C  | 09FC-RY101-NSB-C-06012  | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2      | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY101-NSB-C  | 09FC-RY101-NSB-C-06012  | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | ANTIMONY      | 6                   | Y           |               |              |           | 6                   | mg/kg | 48.1   | mg/kg |
| RY101-NSB-C  | 09FC-RY101-NSB-C-06012  | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 264    | mg/kg |
| RY101-NSB-C  | 09FC-RY101-NSB-C-06012  | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 103    | mg/kg |
| RY101-NSB-C  | 09FC-RY101-NSB-C-06012  | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.25   | mg/kg |
| RY101-NSB-C  | 09FC-RY101-NSB-C-06012  | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 7.9    | mg/kg |
| RY101-NSB-C  | 09FC-RY101-NSB-C-06012  | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | CHROMIUM      | 1                   | Y           | J-            | J-           |           | 1                   | mg/kg | 4.5    | mg/kg |
| RY101-NSB-C  | 09FC-RY101-NSB-C-06012  | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 4.9    | mg/kg |
| RY101-NSB-C  | 09FC-RY101-NSB-C-06012  | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 21.2   | mg/kg |
| RY101-NSB-C  | 09FC-RY101-NSB-C-06012  | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 6.7    | mg/kg |
| RY101-NSB-C  | 09FC-RY101-NSB-C-06012  | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 1130   | mg/kg |
| RY101-NSB-C  | 09FC-RY101-NSB-C-06012  | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 9140   | mg/kg |
| RY101-NSB-C  | 09FC-RY101-NSB-C-06012  | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.6    | mg/kg |
| RY101-NSB-D  | 09FC-RY101-NSB-D-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 2990   | mg/kg |
| RY101-NSB-D  | 09FC-RY101-NSB-D-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 14100  | mg/kg |
| RY101-NSB-D  | 09FC-RY101-NSB-D-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 683    | mg/kg |
| RY101-NSB-D  | 09FC-RY101-NSB-D-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3860   | mg/kg |
| RY101-NSB-D  | 09FC-RY101-NSB-D-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 640    | mg/kg |
| RY101-NSB-D  | 09FC-RY101-NSB-D-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 8.1    | mg/kg |
| RY101-NSB-D  | 09FC-RY101-NSB-D-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 565    | mg/kg |
| RY101-NSB-D  | 09FC-RY101-NSB-D-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | SILVER        | 1                   | Y           |               |              |           | 1                   | mg/kg | 4.2    | mg/kg |
| RY101-NSB-D  | 09FC-RY101-NSB-D-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY101-NSB-D  | 09FC-RY101-NSB-D-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.4    | mg/kg |
| RY101-NSB-D  | 09FC-RY101-NSB-D-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | ANTIMONY      | 6                   | Y           |               |              |           | 6                   | mg/kg | 56     | mg/kg |
| RY101-NSB-D  | 09FC-RY101-NSB-D-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 90.8   | mg/kg |
| RY101-NSB-D  | 09FC-RY101-NSB-D-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 64.1   | mg/kg |
| RY101-NSB-D  | 09FC-RY101-NSB-D-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.13   | mg/kg |
| RY101-NSB-D  | 09FC-RY101-NSB-D-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 5.6    | mg/kg |
| RY101-NSB-D  | 09FC-RY101-NSB-D-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | CHROMIUM      | 1                   | Y           | J-            | J-           |           | 1                   | mg/kg | 2.6    | mg/kg |
| RY101-NSB-D  | 09FC-RY101-NSB-D-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.6    | mg/kg |
| RY101-NSB-D  | 09FC-RY101-NSB-D-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 19.6   | mg/kg |
| RY101-NSB-D  | 09FC-RY101-NSB-D-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | VANADIUM      | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4      | mg/kg |
| RY101-NSB-D  | 09FC-RY101-NSB-D-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 958    | mg/kg |
| RY101-NSB-D  | 09FC-RY101-NSB-D-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 32000  | mg/kg |
| RY101-NSB-D  | 09FC-RY101-NSB-D-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.4    | mg/kg |
| RY101-NSB-E  | 09FC-RY101-NSB-E-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 6060   | mg/kg |
| RY101-NSB-E  | 09FC-RY101-NSB-E-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 16300  | mg/kg |
| RY101-NSB-E  | 09FC-RY101-NSB-E-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 541    | mg/kg |
| RY101-NSB-E  | 09FC-RY101-NSB-E-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 4970   | mg/kg |
| RY101-NSB-E  | 09FC-RY101-NSB-E-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 502    | mg/kg |
| RY101-NSB-E  | 09FC-RY101-NSB-E-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 8.7    | mg/kg |
| RY101-NSB-E  | 09FC-RY101-NSB-E-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1290   | mg/kg |
| RY101-NSB-E  | 09FC-RY101-NSB-E-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | SILVER        | 1                   | Y           |               |              |           | 1                   | mg/kg | 6.4    | mg/kg |
| RY101-NSB-E  | 09FC-RY101-NSB-E-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY101-NSB-E  | 09FC-RY101-NSB-E-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2      | mg/kg |
| RY101-NSB-E  | 09FC-RY101-NSB-E-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | ANTIMONY      | 6                   | Y           |               |              |           | 6                   | mg/kg | 22.6   | mg/kg |
| RY101-NSB-E  | 09FC-RY101-NSB-E-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 53.2   | mg/kg |
| RY101-NSB-E  | 09FC-RY101-NSB-E-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 72.4   | mg/kg |
| RY101-NSB-E  | 09FC-RY101-NSB-E-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.25   | mg/kg |



## Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY101-NSB-E  | 09FC-RY101-NSB-E-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 2.6    | mg/kg |
| RY101-NSB-E  | 09FC-RY101-NSB-E-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | CHROMIUM      | 1                   | Y           | J-            | J-           |           | 1                   | mg/kg | 7      | mg/kg |
| RY101-NSB-E  | 09FC-RY101-NSB-E-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 7.5    | mg/kg |
| RY101-NSB-E  | 09FC-RY101-NSB-E-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 56.1   | mg/kg |
| RY101-NSB-E  | 09FC-RY101-NSB-E-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 21.5   | mg/kg |
| RY101-NSB-E  | 09FC-RY101-NSB-E-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 741    | mg/kg |
| RY101-NSB-E  | 09FC-RY101-NSB-E-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 7970   | mg/kg |
| RY101-NSB-E  | 09FC-RY101-NSB-E-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 1      | mg/kg |
| RY101-NSB-E  | 09FC-RY101-NSB-E-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 3930   | mg/kg |
| RY101-NSB-E  | 09FC-RY101-NSB-E-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 18300  | mg/kg |
| RY101-NSB-E  | 09FC-RY101-NSB-E-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 1120   | mg/kg |
| RY101-NSB-E  | 09FC-RY101-NSB-E-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3470   | mg/kg |
| RY101-NSB-E  | 09FC-RY101-NSB-E-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 943    | mg/kg |
| RY101-NSB-E  | 09FC-RY101-NSB-E-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 7.2    | mg/kg |
| RY101-NSB-E  | 09FC-RY101-NSB-E-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 820    | mg/kg |
| RY101-NSB-E  | 09FC-RY101-NSB-E-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | SILVER        | 1                   | Y           |               |              |           | 1                   | mg/kg | 8.3    | mg/kg |
| RY101-NSB-E  | 09FC-RY101-NSB-E-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY101-NSB-E  | 09FC-RY101-NSB-E-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.1    | mg/kg |
| RY101-NSB-E  | 09FC-RY101-NSB-E-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | ANTIMONY      | 6                   | Y           |               |              |           | 6                   | mg/kg | 76.4   | mg/kg |
| RY101-NSB-E  | 09FC-RY101-NSB-E-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 208    | mg/kg |
| RY101-NSB-E  | 09FC-RY101-NSB-E-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 52.2   | mg/kg |
| RY101-NSB-E  | 09FC-RY101-NSB-E-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.21   | mg/kg |
| RY101-NSB-E  | 09FC-RY101-NSB-E-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 6.7    | mg/kg |
| RY101-NSB-E  | 09FC-RY101-NSB-E-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | CHROMIUM      | 1                   | Y           | J-            | J-           |           | 1                   | mg/kg | 5.2    | mg/kg |
| RY101-NSB-E  | 09FC-RY101-NSB-E-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 5.1    | mg/kg |
| RY101-NSB-E  | 09FC-RY101-NSB-E-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 26.8   | mg/kg |
| RY101-NSB-E  | 09FC-RY101-NSB-E-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 9.4    | mg/kg |
| RY101-NSB-E  | 09FC-RY101-NSB-E-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 1650   | mg/kg |
| RY101-NSB-E  | 09FC-RY101-NSB-E-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 7460   | mg/kg |
| RY101-NSB-E  | 09FC-RY101-NSB-E-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.86   | mg/kg |
| RY101-NSS-A  | 09FC-RY101-NSS-A-00002  | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 4870   | mg/kg |
| RY101-NSS-A  | 09FC-RY101-NSS-A-00002  | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 7980   | mg/kg |
| RY101-NSS-A  | 09FC-RY101-NSS-A-00002  | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 160    | mg/kg |
| RY101-NSS-A  | 09FC-RY101-NSS-A-00002  | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3070   | mg/kg |
| RY101-NSS-A  | 09FC-RY101-NSS-A-00002  | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 340    | mg/kg |
| RY101-NSS-A  | 09FC-RY101-NSS-A-00002  | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 5.5    | mg/kg |
| RY101-NSS-A  | 09FC-RY101-NSS-A-00002  | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 979    | mg/kg |
| RY101-NSS-A  | 09FC-RY101-NSS-A-00002  | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | SILVER        | 1                   | Y           |               |              |           | 1                   | mg/kg | 1.8    | mg/kg |
| RY101-NSS-A  | 09FC-RY101-NSS-A-00002  | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY101-NSS-A  | 09FC-RY101-NSS-A-00002  | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.7    | mg/kg |
| RY101-NSS-A  | 09FC-RY101-NSS-A-00002  | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | ANTIMONY      | 6                   | Y           |               |              |           | 6                   | mg/kg | 9.2    | mg/kg |
| RY101-NSS-A  | 09FC-RY101-NSS-A-00002  | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 95     | mg/kg |
| RY101-NSS-A  | 09FC-RY101-NSS-A-00002  | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 97.8   | mg/kg |
| RY101-NSS-A  | 09FC-RY101-NSS-A-00002  | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.26   | mg/kg |
| RY101-NSS-A  | 09FC-RY101-NSS-A-00002  | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 1      | mg/kg |
| RY101-NSS-A  | 09FC-RY101-NSS-A-00002  | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | CHROMIUM      | 1                   | Y           | J-            | J-           |           | 1                   | mg/kg | 6.9    | mg/kg |
| RY101-NSS-A  | 09FC-RY101-NSS-A-00002  | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 3.6    | mg/kg |
| RY101-NSS-A  | 09FC-RY101-NSS-A-00002  | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 12     | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code        | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY101-NSS-A  | 09FC-RY101-NSS-A-00002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 7.2    | mg/kg |
| RY101-NSS-A  | 09FC-RY101-NSS-A-00002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 189    | mg/kg |
| RY101-NSS-A  | 09FC-RY101-NSS-A-00002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 6410   | mg/kg |
| RY101-NSS-A  | 09FC-RY101-NSS-A-00002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.8    | mg/kg |
| RY101-NSS-B  | 09FC-RY101-NSS-B-00002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 3900   | mg/kg |
| RY101-NSS-B  | 09FC-RY101-NSS-B-00002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 8650   | mg/kg |
| RY101-NSS-B  | 09FC-RY101-NSS-B-00002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 91     | mg/kg |
| RY101-NSS-B  | 09FC-RY101-NSS-B-00002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2520   | mg/kg |
| RY101-NSS-B  | 09FC-RY101-NSS-B-00002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 267    | mg/kg |
| RY101-NSS-B  | 09FC-RY101-NSS-B-00002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6      | mg/kg |
| RY101-NSS-B  | 09FC-RY101-NSS-B-00002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1250   | mg/kg |
| RY101-NSS-B  | 09FC-RY101-NSS-B-00002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | SILVER        | 1                   | Y           | J             |              | J         | 1                   | mg/kg | 0.32   | mg/kg |
| RY101-NSS-B  | 09FC-RY101-NSS-B-00002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY101-NSS-B  | 09FC-RY101-NSS-B-00002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY101-NSS-B  | 09FC-RY101-NSS-B-00002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | ANTIMONY      | 6                   | Y           | J             |              | J         | 6                   | mg/kg | 5.6    | mg/kg |
| RY101-NSS-B  | 09FC-RY101-NSS-B-00002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 12.5   | mg/kg |
| RY101-NSS-B  | 09FC-RY101-NSS-B-00002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 97.6   | mg/kg |
| RY101-NSS-B  | 09FC-RY101-NSS-B-00002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.2    | mg/kg |
| RY101-NSS-B  | 09FC-RY101-NSS-B-00002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 0.55   | mg/kg |
| RY101-NSS-B  | 09FC-RY101-NSS-B-00002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | CHROMIUM      | 1                   | Y           | J-            | J-           |           | 1                   | mg/kg | 4.1    | mg/kg |
| RY101-NSS-B  | 09FC-RY101-NSS-B-00002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 3.5    | mg/kg |
| RY101-NSS-B  | 09FC-RY101-NSS-B-00002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 14.1   | mg/kg |
| RY101-NSS-B  | 09FC-RY101-NSS-B-00002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 6.2    | mg/kg |
| RY101-NSS-B  | 09FC-RY101-NSS-B-00002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 139    | mg/kg |
| RY101-NSS-B  | 09FC-RY101-NSS-B-00002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 5790   | mg/kg |
| RY101-NSS-B  | 09FC-RY101-NSS-B-00002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.58   | mg/kg |
| RY101-NSS-C  | 09FC-RY101-NSS-C-00002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 2820   | mg/kg |
| RY101-NSS-C  | 09FC-RY101-NSS-C-00002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 37100  | mg/kg |
| RY101-NSS-C  | 09FC-RY101-NSS-C-00002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 3090   | mg/kg |
| RY101-NSS-C  | 09FC-RY101-NSS-C-00002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2170   | mg/kg |
| RY101-NSS-C  | 09FC-RY101-NSS-C-00002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 2400   | mg/kg |
| RY101-NSS-C  | 09FC-RY101-NSS-C-00002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.2    | mg/kg |
| RY101-NSS-C  | 09FC-RY101-NSS-C-00002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 762    | mg/kg |
| RY101-NSS-C  | 09FC-RY101-NSS-C-00002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | SILVER        | 1                   | Y           |               |              |           | 1                   | mg/kg | 19.8   | mg/kg |
| RY101-NSS-C  | 09FC-RY101-NSS-C-00002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY101-NSS-C  | 09FC-RY101-NSS-C-00002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2      | mg/kg |
| RY101-NSS-C  | 09FC-RY101-NSS-C-00002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | ANTIMONY      | 6                   | Y           |               |              |           | 6                   | mg/kg | 302    | mg/kg |
| RY101-NSS-C  | 09FC-RY101-NSS-C-00002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 451    | mg/kg |
| RY101-NSS-C  | 09FC-RY101-NSS-C-00002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 65.5   | mg/kg |
| RY101-NSS-C  | 09FC-RY101-NSS-C-00002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.076  | mg/kg |
| RY101-NSS-C  | 09FC-RY101-NSS-C-00002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 20.4   | mg/kg |
| RY101-NSS-C  | 09FC-RY101-NSS-C-00002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | CHROMIUM      | 1                   | Y           | J-            | J-           |           | 1                   | mg/kg | 3.4    | mg/kg |
| RY101-NSS-C  | 09FC-RY101-NSS-C-00002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 2.8    | mg/kg |
| RY101-NSS-C  | 09FC-RY101-NSS-C-00002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 24     | mg/kg |
| RY101-NSS-C  | 09FC-RY101-NSS-C-00002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 5      | mg/kg |
| RY101-NSS-C  | 09FC-RY101-NSS-C-00002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 3340   | mg/kg |
| RY101-NSS-C  | 09FC-RY101-NSS-C-00002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 4220   | mg/kg |
| RY101-NSS-C  | 09FC-RY101-NSS-C-00002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 1.7    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY101-NSS-D  | 09FC-RY101-NSS-D-00002  | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 1750   | mg/kg |
| RY101-NSS-D  | 09FC-RY101-NSS-D-00002  | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 36100  | mg/kg |
| RY101-NSS-D  | 09FC-RY101-NSS-D-00002  | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 2600   | mg/kg |
| RY101-NSS-D  | 09FC-RY101-NSS-D-00002  | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 4210   | mg/kg |
| RY101-NSS-D  | 09FC-RY101-NSS-D-00002  | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 2820   | mg/kg |
| RY101-NSS-D  | 09FC-RY101-NSS-D-00002  | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 4.4    | mg/kg |
| RY101-NSS-D  | 09FC-RY101-NSS-D-00002  | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 539    | mg/kg |
| RY101-NSS-D  | 09FC-RY101-NSS-D-00002  | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | SILVER        | 1                   | Y           |               |              |           | 1                   | mg/kg | 20.2   | mg/kg |
| RY101-NSS-D  | 09FC-RY101-NSS-D-00002  | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | SODIUM        | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 1070   | mg/kg |
| RY101-NSS-D  | 09FC-RY101-NSS-D-00002  | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | THALLIUM      | 2.5                 | Y           | U             | U            | J         | 2.5                 | mg/kg | 2.5    | mg/kg |
| RY101-NSS-D  | 09FC-RY101-NSS-D-00002  | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | ANTIMONY      | 6                   | Y           |               |              |           | 6                   | mg/kg | 327    | mg/kg |
| RY101-NSS-D  | 09FC-RY101-NSS-D-00002  | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 524    | mg/kg |
| RY101-NSS-D  | 09FC-RY101-NSS-D-00002  | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 27.8   | mg/kg |
| RY101-NSS-D  | 09FC-RY101-NSS-D-00002  | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | BERYLLIUM     | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.38   | mg/kg |
| RY101-NSS-D  | 09FC-RY101-NSS-D-00002  | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 16.2   | mg/kg |
| RY101-NSS-D  | 09FC-RY101-NSS-D-00002  | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | CHROMIUM      | 1                   | Y           | J-            | J-           |           | 1                   | mg/kg | 5.1    | mg/kg |
| RY101-NSS-D  | 09FC-RY101-NSS-D-00002  | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 2.7    | mg/kg |
| RY101-NSS-D  | 09FC-RY101-NSS-D-00002  | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 24.2   | mg/kg |
| RY101-NSS-D  | 09FC-RY101-NSS-D-00002  | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | VANADIUM      | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 3.3    | mg/kg |
| RY101-NSS-D  | 09FC-RY101-NSS-D-00002  | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 3070   | mg/kg |
| RY101-NSS-D  | 09FC-RY101-NSS-D-00002  | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 7050   | mg/kg |
| RY101-NSS-D  | 09FC-RY101-NSS-D-00002  | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 1.6    | mg/kg |
| RY101-NSS-E  | 09FC-RY101-NSS-E-00002  | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 5140   | mg/kg |
| RY101-NSS-E  | 09FC-RY101-NSS-E-00002  | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 10700  | mg/kg |
| RY101-NSS-E  | 09FC-RY101-NSS-E-00002  | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 216    | mg/kg |
| RY101-NSS-E  | 09FC-RY101-NSS-E-00002  | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 4360   | mg/kg |
| RY101-NSS-E  | 09FC-RY101-NSS-E-00002  | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 401    | mg/kg |
| RY101-NSS-E  | 09FC-RY101-NSS-E-00002  | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 7.6    | mg/kg |
| RY101-NSS-E  | 09FC-RY101-NSS-E-00002  | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | POTASSIUM     | 500                 | Y           | J-            | J-           |           | 500                 | mg/kg | 1290   | mg/kg |
| RY101-NSS-E  | 09FC-RY101-NSS-E-00002  | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | SILVER        | 1                   | Y           |               |              |           | 1                   | mg/kg | 1.1    | mg/kg |
| RY101-NSS-E  | 09FC-RY101-NSS-E-00002  | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY101-NSS-E  | 09FC-RY101-NSS-E-00002  | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.3    | mg/kg |
| RY101-NSS-E  | 09FC-RY101-NSS-E-00002  | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | ANTIMONY      | 6                   | Y           |               |              |           | 6                   | mg/kg | 10.1   | mg/kg |
| RY101-NSS-E  | 09FC-RY101-NSS-E-00002  | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 22.8   | mg/kg |
| RY101-NSS-E  | 09FC-RY101-NSS-E-00002  | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 89.5   | mg/kg |
| RY101-NSS-E  | 09FC-RY101-NSS-E-00002  | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.28   | mg/kg |
| RY101-NSS-E  | 09FC-RY101-NSS-E-00002  | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 1.8    | mg/kg |
| RY101-NSS-E  | 09FC-RY101-NSS-E-00002  | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | CHROMIUM      | 1                   | Y           | J-            | J-           |           | 1                   | mg/kg | 7.7    | mg/kg |
| RY101-NSS-E  | 09FC-RY101-NSS-E-00002  | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 4.6    | mg/kg |
| RY101-NSS-E  | 09FC-RY101-NSS-E-00002  | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 18.4   | mg/kg |
| RY101-NSS-E  | 09FC-RY101-NSS-E-00002  | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 7.7    | mg/kg |
| RY101-NSS-E  | 09FC-RY101-NSS-E-00002  | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 341    | mg/kg |
| RY101-NSS-E  | 09FC-RY101-NSS-E-00002  | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 8210   | mg/kg |
| RY101-NSS-E  | 09FC-RY101-NSS-E-00002  | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.2    | mg/kg |
| RY102-NSB-A  | 09FC-RY102-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 5710   | mg/kg |
| RY102-NSB-A  | 09FC-RY102-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 12700  | mg/kg |
| RY102-NSB-A  | 09FC-RY102-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 195    | mg/kg |
| RY102-NSB-A  | 09FC-RY102-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 3060   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY102-NSB-A  | 09FC-RY102-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 510    | mg/kg |
| RY102-NSB-A  | 09FC-RY102-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 7.6    | mg/kg |
| RY102-NSB-A  | 09FC-RY102-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | POTASSIUM     | 500                 | Y           | J-            | J-           |           | 500                 | mg/kg | 1230   | mg/kg |
| RY102-NSB-A  | 09FC-RY102-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | SILVER        | 1                   | Y           | J+            | J+           | J         | 1                   | mg/kg | 0.79   | mg/kg |
| RY102-NSB-A  | 09FC-RY102-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY102-NSB-A  | 09FC-RY102-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.8    | mg/kg |
| RY102-NSB-A  | 09FC-RY102-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | ANTIMONY      | 6                   | Y           | J             | J            | J         | 6                   | mg/kg | 3.7    | mg/kg |
| RY102-NSB-A  | 09FC-RY102-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 20.9   | mg/kg |
| RY102-NSB-A  | 09FC-RY102-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 163    | mg/kg |
| RY102-NSB-A  | 09FC-RY102-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.26   | mg/kg |
| RY102-NSB-A  | 09FC-RY102-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | CADMIUM       | 0.5                 | Y           | J             | J            |           | 0.5                 | mg/kg | 1.2    | mg/kg |
| RY102-NSB-A  | 09FC-RY102-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | CHROMIUM      | 1                   | Y           | J-            | J-           |           | 1                   | mg/kg | 5.4    | mg/kg |
| RY102-NSB-A  | 09FC-RY102-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 5.2    | mg/kg |
| RY102-NSB-A  | 09FC-RY102-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 19.8   | mg/kg |
| RY102-NSB-A  | 09FC-RY102-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 7.2    | mg/kg |
| RY102-NSB-A  | 09FC-RY102-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | ZINC          | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 259    | mg/kg |
| RY102-NSB-A  | 09FC-RY102-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 8310   | mg/kg |
| RY102-NSB-A  | 09FC-RY102-NSB-A-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.95   | mg/kg |
| RY102-NSB-A  | 09FC-RY102-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 5820   | mg/kg |
| RY102-NSB-A  | 09FC-RY102-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 12100  | mg/kg |
| RY102-NSB-A  | 09FC-RY102-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 99.1   | mg/kg |
| RY102-NSB-A  | 09FC-RY102-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 3150   | mg/kg |
| RY102-NSB-A  | 09FC-RY102-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 470    | mg/kg |
| RY102-NSB-A  | 09FC-RY102-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 7.5    | mg/kg |
| RY102-NSB-A  | 09FC-RY102-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | POTASSIUM     | 500                 | Y           | J-            | J-           |           | 500                 | mg/kg | 1100   | mg/kg |
| RY102-NSB-A  | 09FC-RY102-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | SILVER        | 1                   | Y           | J+            | J+           | J         | 1                   | mg/kg | 0.39   | mg/kg |
| RY102-NSB-A  | 09FC-RY102-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY102-NSB-A  | 09FC-RY102-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.7    | mg/kg |
| RY102-NSB-A  | 09FC-RY102-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/12/2009    | ANTIMONY      | 6                   | Y           | J             | J            | J         | 6                   | mg/kg | 2.9    | mg/kg |
| RY107-NSS-A  | 09FC-RY107-NSS-A-00002  | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 22.8   | mg/kg |
| RY107-NSS-A  | 09FC-RY107-NSS-A-00002  | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 95.3   | mg/kg |
| RY107-NSS-A  | 09FC-RY107-NSS-A-00002  | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.3    | mg/kg |
| RY107-NSS-A  | 09FC-RY107-NSS-A-00002  | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | CADMIUM       | 0.5                 | Y           | J             | J            |           | 0.5                 | mg/kg | 1.6    | mg/kg |
| RY107-NSS-A  | 09FC-RY107-NSS-A-00002  | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 7      | mg/kg |
| RY107-NSS-A  | 09FC-RY107-NSS-A-00002  | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 16.2   | mg/kg |
| RY107-NSS-A  | 09FC-RY107-NSS-A-00002  | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 25     | mg/kg |
| RY107-NSS-A  | 09FC-RY107-NSS-A-00002  | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 8.6    | mg/kg |
| RY107-NSS-A  | 09FC-RY107-NSS-A-00002  | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | ZINC          | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 304    | mg/kg |
| RY107-NSS-A  | 09FC-RY107-NSS-A-00002  | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 21200  | mg/kg |
| RY107-NSS-A  | 09FC-RY107-NSS-A-00002  | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.72   | mg/kg |
| RY108-NSB-B  | 09FC-RY108-NSB-B-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 3450   | mg/kg |
| RY108-NSB-B  | 09FC-RY108-NSB-B-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 13000  | mg/kg |
| RY108-NSB-B  | 09FC-RY108-NSB-B-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 81.3   | mg/kg |
| RY108-NSB-B  | 09FC-RY108-NSB-B-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 4890   | mg/kg |
| RY108-NSB-B  | 09FC-RY108-NSB-B-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 377    | mg/kg |
| RY108-NSB-B  | 09FC-RY108-NSB-B-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 8      | mg/kg |
| RY108-NSB-B  | 09FC-RY108-NSB-B-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | POTASSIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 670    | mg/kg |
| RY108-NSB-B  | 09FC-RY108-NSB-B-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | SILVER        | 1                   | Y           | J+            | J+           | J         | 1                   | mg/kg | 0.34   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY108-NSB-B  | 09FC-RY108-NSB-B-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY108-NSB-B  | 09FC-RY108-NSB-B-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.1    | mg/kg |
| RY108-NSB-B  | 09FC-RY108-NSB-B-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | ANTIMONY      | 6                   | Y           | J             | J            | J         | 6                   | mg/kg | 2.9    | mg/kg |
| RY108-NSB-B  | 09FC-RY108-NSB-B-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 17.9   | mg/kg |
| RY108-NSB-B  | 09FC-RY108-NSB-B-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 79.3   | mg/kg |
| RY108-NSB-B  | 09FC-RY108-NSB-B-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.18   | mg/kg |
| RY108-NSB-B  | 09FC-RY108-NSB-B-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | CADMIUM       | 0.5                 | Y           | J             | J            |           | 0.5                 | mg/kg | 0.98   | mg/kg |
| RY108-NSB-B  | 09FC-RY108-NSB-B-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 3.8    | mg/kg |
| RY108-NSB-B  | 09FC-RY108-NSB-B-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 4.8    | mg/kg |
| RY108-NSB-B  | 09FC-RY108-NSB-B-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 14.7   | mg/kg |
| RY108-NSB-B  | 09FC-RY108-NSB-B-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 5.2    | mg/kg |
| RY108-NSB-B  | 09FC-RY108-NSB-B-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | ZINC          | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 161    | mg/kg |
| RY108-NSB-B  | 09FC-RY108-NSB-B-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 21800  | mg/kg |
| RY108-NSB-B  | 09FC-RY108-NSB-B-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 10/12/2009    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.99   | mg/kg |
| RY108-NSB-B  | 09FC-RY108-NSB-B-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ALUMINUM      | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 3200   | mg/kg |
| RY108-NSB-B  | 09FC-RY108-NSB-B-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 11400  | mg/kg |
| RY108-NSB-B  | 09FC-RY108-NSB-B-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 117    | mg/kg |
| RY108-NSB-B  | 09FC-RY108-NSB-B-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 5610   | mg/kg |
| RY108-NSB-B  | 09FC-RY108-NSB-B-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 328    | mg/kg |
| RY108-NSB-B  | 09FC-RY108-NSB-B-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6      | mg/kg |
| RY108-NSB-B  | 09FC-RY108-NSB-B-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | POTASSIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 593    | mg/kg |
| RY108-NSB-B  | 09FC-RY108-NSB-B-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | SILVER        | 1                   | Y           | J             | J            | J         | 1                   | mg/kg | 0.58   | mg/kg |
| RY108-NSB-B  | 09FC-RY108-NSB-B-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY108-NSB-B  | 09FC-RY108-NSB-B-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.3    | mg/kg |
| RY108-NSB-B  | 09FC-RY108-NSB-B-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ANTIMONY      | 6                   | Y           | J             | J            | J         | 6                   | mg/kg | 4.6    | mg/kg |
| RY108-NSB-B  | 09FC-RY108-NSB-B-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 27     | mg/kg |
| RY108-NSB-B  | 09FC-RY108-NSB-B-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | BARIUM        | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 71.5   | mg/kg |
| RY108-NSB-B  | 09FC-RY108-NSB-B-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.21   | mg/kg |
| RY108-NSB-B  | 09FC-RY108-NSB-B-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | CADMIUM       | 0.5                 | Y           | U             | U            | J         | 0.5                 | mg/kg | 50     | mg/kg |
| RY108-NSB-B  | 09FC-RY108-NSB-B-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 10.2   | mg/kg |
| RY108-NSB-B  | 09FC-RY108-NSB-B-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 3.5    | mg/kg |
| RY108-NSB-B  | 09FC-RY108-NSB-B-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 13.4   | mg/kg |
| RY108-NSB-B  | 09FC-RY108-NSB-B-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 4.9    | mg/kg |
| RY108-NSB-B  | 09FC-RY108-NSB-B-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 196    | mg/kg |
| RY108-NSB-B  | 09FC-RY108-NSB-B-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 15900  | mg/kg |
| RY108-NSB-B  | 09FC-RY108-NSB-B-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 10/21/2009    | SELENIUM      | 3.5                 | Y           | U             | U            | J         | 3.5                 | mg/kg | 3.5    | mg/kg |
| RY108-NSB-E  | 09FC-RY108-NSB-E-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 4120   | mg/kg |
| RY108-NSB-E  | 09FC-RY108-NSB-E-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 11900  | mg/kg |
| RY108-NSB-E  | 09FC-RY108-NSB-E-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 631    | mg/kg |
| RY108-NSB-E  | 09FC-RY108-NSB-E-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 3020   | mg/kg |
| RY108-NSB-E  | 09FC-RY108-NSB-E-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 401    | mg/kg |
| RY108-NSB-E  | 09FC-RY108-NSB-E-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | NICKEL        | 4                   | Y           | J             | J            |           | 4                   | mg/kg | 4.9    | mg/kg |
| RY108-NSB-E  | 09FC-RY108-NSB-E-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | POTASSIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 1140   | mg/kg |
| RY108-NSB-E  | 09FC-RY108-NSB-E-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | SILVER        | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 3.4    | mg/kg |
| RY108-NSB-E  | 09FC-RY108-NSB-E-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | SODIUM        | 500                 | Y           | U             | U            | J         | 500                 | mg/kg | 500    | mg/kg |
| RY108-NSB-E  | 09FC-RY108-NSB-E-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY108-NSB-E  | 09FC-RY108-NSB-E-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | ANTIMONY      | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 33.6   | mg/kg |
| RY108-NSB-E  | 09FC-RY108-NSB-E-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 85.1   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                         |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY108-NSB-E  | 09FC-RY108-NSB-E-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | BARIUM        | 20            | Y           | J-            | J-           |           | 20                  | mg/kg | 92.7   | mg/kg |
| RY108-NSB-E  | 09FC-RY108-NSB-E-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | BERYLLIUM     | 0.5           | N           | U             |              | U         | 0.5                 | mg/kg | 0.52   | mg/kg |
| RY108-NSB-E  | 09FC-RY108-NSB-E-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | CADMIUM       | 0.5           | Y           | J-            | J-           |           | 0.5                 | mg/kg | 5.3    | mg/kg |
| RY108-NSB-E  | 09FC-RY108-NSB-E-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | CHROMIUM      | 1             | Y           | J             | J            |           | 1                   | mg/kg | 7.1    | mg/kg |
| RY108-NSB-E  | 09FC-RY108-NSB-E-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | COBALT        | 5             | Y           | J             |              | J         | 5                   | mg/kg | 3.4    | mg/kg |
| RY108-NSB-E  | 09FC-RY108-NSB-E-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | COPPER        | 2.5           | Y           | J             | J            |           | 2.5                 | mg/kg | 21.4   | mg/kg |
| RY108-NSB-E  | 09FC-RY108-NSB-E-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | VANADIUM      | 5             | Y           | J             |              | J         | 5                   | mg/kg | 5.1    | mg/kg |
| RY108-NSB-E  | 09FC-RY108-NSB-E-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | ZINC          | 6             | Y           | J             | J            |           | 6                   | mg/kg | 924    | mg/kg |
| RY108-NSB-E  | 09FC-RY108-NSB-E-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | CALCIUM       | 500           | Y           | J             | J            |           | 500                 | mg/kg | 9180   | mg/kg |
| RY108-NSB-E  | 09FC-RY108-NSB-E-002006 | 8/20/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | SELENIUM      | 3.5           | N           | UJ            | UJ           | U         | 3.5                 | mg/kg | 3.7    | mg/kg |
| RY108-NSB-E  | 09FC-RY108-NSB-E-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | ALUMINUM      | 20            | Y           |               |              |           | 20                  | mg/kg | 4510   | mg/kg |
| RY108-NSB-E  | 09FC-RY108-NSB-E-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | IRON          | 10            | Y           | J             | J            |           | 10                  | mg/kg | 11300  | mg/kg |
| RY108-NSB-E  | 09FC-RY108-NSB-E-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | LEAD          | 1             | Y           | J             | J            |           | 1                   | mg/kg | 325    | mg/kg |
| RY108-NSB-E  | 09FC-RY108-NSB-E-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 3460   | mg/kg |
| RY108-NSB-E  | 09FC-RY108-NSB-E-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | MANGANESE     | 1.5           | Y           | J             | J            |           | 1.5                 | mg/kg | 368    | mg/kg |
| RY108-NSB-E  | 09FC-RY108-NSB-E-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | NICKEL        | 4             | Y           | J             | J            |           | 4                   | mg/kg | 5.6    | mg/kg |
| RY108-NSB-E  | 09FC-RY108-NSB-E-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | POTASSIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 1270   | mg/kg |
| RY108-NSB-E  | 09FC-RY108-NSB-E-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | SILVER        | 1             | Y           | J             | J            |           | 1                   | mg/kg | 2.8    | mg/kg |
| RY108-NSB-E  | 09FC-RY108-NSB-E-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | SODIUM        | 500           | Y           | U             | U            | J         | 500                 | mg/kg | 500    | mg/kg |
| RY108-NSB-E  | 09FC-RY108-NSB-E-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY108-NSB-E  | 09FC-RY108-NSB-E-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | ANTIMONY      | 6             | Y           | J-            | J-           |           | 6                   | mg/kg | 17.6   | mg/kg |
| RY108-NSB-E  | 09FC-RY108-NSB-E-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | ARSENIC       | 1             | Y           | J             | J            |           | 1                   | mg/kg | 43.6   | mg/kg |
| RY108-NSB-E  | 09FC-RY108-NSB-E-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | BARIUM        | 20            | Y           | J-            | J-           |           | 20                  | mg/kg | 101    | mg/kg |
| RY108-NSB-E  | 09FC-RY108-NSB-E-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | BERYLLIUM     | 0.5           | N           | U             |              | U         | 0.5                 | mg/kg | 0.51   | mg/kg |
| RY108-NSB-E  | 09FC-RY108-NSB-E-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | CADMIUM       | 0.5           | Y           | J-            | J-           |           | 0.5                 | mg/kg | 3      | mg/kg |
| RY108-NSB-E  | 09FC-RY108-NSB-E-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | CHROMIUM      | 1             | Y           | J             | J            |           | 1                   | mg/kg | 5.1    | mg/kg |
| RY108-NSB-E  | 09FC-RY108-NSB-E-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | COBALT        | 5             | Y           | J             |              | J         | 5                   | mg/kg | 4.2    | mg/kg |
| RY108-NSB-E  | 09FC-RY108-NSB-E-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | COPPER        | 2.5           | Y           | J             | J            |           | 2.5                 | mg/kg | 15.8   | mg/kg |
| RY108-NSB-E  | 09FC-RY108-NSB-E-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | VANADIUM      | 5             | Y           | J             |              | J         | 5                   | mg/kg | 5      | mg/kg |
| RY108-NSB-E  | 09FC-RY108-NSB-E-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | ZINC          | 6             | Y           | J             | J            |           | 6                   | mg/kg | 564    | mg/kg |
| RY108-NSB-E  | 09FC-RY108-NSB-E-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | CALCIUM       | 500           | Y           | J             | J            |           | 500                 | mg/kg | 10700  | mg/kg |
| RY108-NSB-E  | 09FC-RY108-NSB-E-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | SELENIUM      | 3.5           | N           | UJ            | UJ           | U         | 3.5                 | mg/kg | 3.6    | mg/kg |
| RY109-NSB-A  | 09FC-RY109-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | ALUMINUM      | 20            | Y           |               |              |           | 20                  | mg/kg | 7890   | mg/kg |
| RY109-NSB-A  | 09FC-RY109-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | IRON          | 10            | Y           | J             | J            |           | 10                  | mg/kg | 10800  | mg/kg |
| RY109-NSB-A  | 09FC-RY109-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | LEAD          | 1             | Y           | J             | J            |           | 1                   | mg/kg | 654    | mg/kg |
| RY109-NSB-A  | 09FC-RY109-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 3290   | mg/kg |
| RY109-NSB-A  | 09FC-RY109-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | MANGANESE     | 1.5           | Y           | J             | J            |           | 1.5                 | mg/kg | 362    | mg/kg |
| RY109-NSB-A  | 09FC-RY109-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | NICKEL        | 4             | Y           | J             | J            |           | 4                   | mg/kg | 4.8    | mg/kg |
| RY109-NSB-A  | 09FC-RY109-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | POTASSIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 1460   | mg/kg |
| RY109-NSB-A  | 09FC-RY109-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | SILVER        | 1             | Y           | J             | J            |           | 1                   | mg/kg | 5.5    | mg/kg |
| RY109-NSB-A  | 09FC-RY109-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | SODIUM        | 500           | Y           | U             | U            | J         | 500                 | mg/kg | 500    | mg/kg |
| RY109-NSB-A  | 09FC-RY109-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.8    | mg/kg |
| RY109-NSB-A  | 09FC-RY109-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | ANTIMONY      | 6             | Y           | J-            | J-           |           | 6                   | mg/kg | 23.7   | mg/kg |
| RY109-NSB-A  | 09FC-RY109-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | ARSENIC       | 1             | Y           | J             | J            |           | 1                   | mg/kg | 25.6   | mg/kg |
| RY109-NSB-A  | 09FC-RY109-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | BARIUM        | 20            | Y           | J-            | J-           |           | 20                  | mg/kg | 111    | mg/kg |
| RY109-NSB-A  | 09FC-RY109-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | BERYLLIUM     | 0.5           | N           | U             |              | U         | 0.5                 | mg/kg | 0.57   | mg/kg |
| RY109-NSB-A  | 09FC-RY109-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | CADMIUM       | 0.5           | Y           | J-            | J-           |           | 0.5                 | mg/kg | 4.8    | mg/kg |
| RY109-NSB-A  | 09FC-RY109-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | CHROMIUM      | 1             | Y           | J             | J            |           | 1                   | mg/kg | 4      | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                         |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY109-NSB-A  | 09FC-RY109-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | COBALT        | 5             | Y           | U             | U            | J         | 5                   | mg/kg | 5      | mg/kg |
| RY109-NSB-A  | 09FC-RY109-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | COPPER        | 2.5           | Y           | J             | J            |           | 2.5                 | mg/kg | 14.9   | mg/kg |
| RY109-NSB-A  | 09FC-RY109-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | VANADIUM      | 5             | Y           |               |              |           | 5                   | mg/kg | 6.8    | mg/kg |
| RY109-NSB-A  | 09FC-RY109-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | ZINC          | 6             | Y           | J             | J            |           | 6                   | mg/kg | 591    | mg/kg |
| RY109-NSB-A  | 09FC-RY109-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | CALCIUM       | 500           | Y           | J             | J            |           | 500                 | mg/kg | 8220   | mg/kg |
| RY109-NSB-A  | 09FC-RY109-NSB-A-006012 | 8/20/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | SELENIUM      | 3.5           | N           | UJ            | UJ           | U         | 3.5                 | mg/kg | 4      | mg/kg |
| RY111-NSB-B  | 09FC-RY111-NSB-B-006012 | 9/23/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | ALUMINUM      | 20            | Y           |               |              |           | 20                  | mg/kg | 7770   | mg/kg |
| RY111-NSB-B  | 09FC-RY111-NSB-B-006012 | 9/23/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | IRON          | 10            | Y           | J             | J            |           | 10                  | mg/kg | 18600  | mg/kg |
| RY111-NSB-B  | 09FC-RY111-NSB-B-006012 | 9/23/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | LEAD          | 1             | Y           | J             | J            |           | 1                   | mg/kg | 1330   | mg/kg |
| RY111-NSB-B  | 09FC-RY111-NSB-B-006012 | 9/23/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 2870   | mg/kg |
| RY111-NSB-B  | 09FC-RY111-NSB-B-006012 | 9/23/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | MANGANESE     | 1.5           | Y           | J             | J            |           | 1.5                 | mg/kg | 926    | mg/kg |
| RY111-NSB-B  | 09FC-RY111-NSB-B-006012 | 9/23/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | NICKEL        | 4             | Y           | J             | J            | J         | 4                   | mg/kg | 4.4    | mg/kg |
| RY111-NSB-B  | 09FC-RY111-NSB-B-006012 | 9/23/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | POTASSIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 945    | mg/kg |
| RY111-NSB-B  | 09FC-RY111-NSB-B-006012 | 9/23/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | SILVER        | 1             | Y           | J             | J            |           | 1                   | mg/kg | 12.5   | mg/kg |
| RY111-NSB-B  | 09FC-RY111-NSB-B-006012 | 9/23/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | SODIUM        | 500           | Y           | U             | U            | J         | 500                 | mg/kg | 500    | mg/kg |
| RY111-NSB-B  | 09FC-RY111-NSB-B-006012 | 9/23/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.8    | mg/kg |
| RY111-NSB-B  | 09FC-RY111-NSB-B-006012 | 9/23/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | ANTIMONY      | 6             | Y           | J-            | J-           |           | 6                   | mg/kg | 97.7   | mg/kg |
| RY111-NSB-B  | 09FC-RY111-NSB-B-006012 | 9/23/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | ARSENIC       | 1             | Y           | J             | J            |           | 1                   | mg/kg | 439    | mg/kg |
| RY111-NSB-B  | 09FC-RY111-NSB-B-006012 | 9/23/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | BARIUM        | 20            | Y           | J-            | J-           |           | 20                  | mg/kg | 102    | mg/kg |
| RY111-NSB-B  | 09FC-RY111-NSB-B-006012 | 9/23/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | BERYLLIUM     | 0.5           | N           | U             |              | U         | 0.5                 | mg/kg | 0.56   | mg/kg |
| RY111-NSB-B  | 09FC-RY111-NSB-B-006012 | 9/23/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | CADMIUM       | 0.5           | Y           | J-            | J-           |           | 0.5                 | mg/kg | 7      | mg/kg |
| RY111-NSB-B  | 09FC-RY111-NSB-B-006012 | 9/23/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | CHROMIUM      | 1             | Y           | J             | J            |           | 1                   | mg/kg | 4.8    | mg/kg |
| RY111-NSB-B  | 09FC-RY111-NSB-B-006012 | 9/23/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | COBALT        | 5             | Y           | U             | U            | J         | 5                   | mg/kg | 5      | mg/kg |
| RY111-NSB-B  | 09FC-RY111-NSB-B-006012 | 9/23/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | COPPER        | 2.5           | Y           | J             | J            |           | 2.5                 | mg/kg | 13.8   | mg/kg |
| RY111-NSB-B  | 09FC-RY111-NSB-B-006012 | 9/23/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | VANADIUM      | 5             | Y           |               |              |           | 5                   | mg/kg | 9.4    | mg/kg |
| RY111-NSB-B  | 09FC-RY111-NSB-B-006012 | 9/23/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | ZINC          | 6             | Y           | J             | J            |           | 6                   | mg/kg | 1090   | mg/kg |
| RY111-NSB-B  | 09FC-RY111-NSB-B-006012 | 9/23/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | CALCIUM       | 500           | Y           | J             | J            |           | 500                 | mg/kg | 3370   | mg/kg |
| RY111-NSB-B  | 09FC-RY111-NSB-B-006012 | 9/23/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | SELENIUM      | 3.5           | N           | UJ            | UJ           | U         | 3.5                 | mg/kg | 3.9    | mg/kg |
| RY112-NSB-A  | 09FC-RY112-NSB-A-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | ALUMINUM      | 20            | Y           |               |              |           | 20                  | mg/kg | 6100   | mg/kg |
| RY112-NSB-A  | 09FC-RY112-NSB-A-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | IRON          | 10            | Y           | J             | J            |           | 10                  | mg/kg | 8660   | mg/kg |
| RY112-NSB-A  | 09FC-RY112-NSB-A-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | LEAD          | 1             | Y           | J             | J            |           | 1                   | mg/kg | 190    | mg/kg |
| RY112-NSB-A  | 09FC-RY112-NSB-A-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 3160   | mg/kg |
| RY112-NSB-A  | 09FC-RY112-NSB-A-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | MANGANESE     | 1.5           | Y           | J             | J            |           | 1.5                 | mg/kg | 292    | mg/kg |
| RY112-NSB-A  | 09FC-RY112-NSB-A-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | NICKEL        | 4             | Y           | J             | J            |           | 4                   | mg/kg | 5.7    | mg/kg |
| RY112-NSB-A  | 09FC-RY112-NSB-A-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | POTASSIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 1010   | mg/kg |
| RY112-NSB-A  | 09FC-RY112-NSB-A-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | SILVER        | 1             | Y           | J             | J            |           | 1                   | mg/kg | 1.6    | mg/kg |
| RY112-NSB-A  | 09FC-RY112-NSB-A-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | SODIUM        | 500           | Y           | U             | U            | J         | 500                 | mg/kg | 500    | mg/kg |
| RY112-NSB-A  | 09FC-RY112-NSB-A-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.8    | mg/kg |
| RY112-NSB-A  | 09FC-RY112-NSB-A-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | ANTIMONY      | 6             | Y           | J-            | J-           |           | 6                   | mg/kg | 10     | mg/kg |
| RY112-NSB-A  | 09FC-RY112-NSB-A-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | ARSENIC       | 1             | Y           | J             | J            |           | 1                   | mg/kg | 27.8   | mg/kg |
| RY112-NSB-A  | 09FC-RY112-NSB-A-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | BARIUM        | 20            | Y           | J-            | J-           |           | 20                  | mg/kg | 121    | mg/kg |
| RY112-NSB-A  | 09FC-RY112-NSB-A-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | BERYLLIUM     | 0.5           | N           | U             |              | U         | 0.5                 | mg/kg | 0.56   | mg/kg |
| RY112-NSB-A  | 09FC-RY112-NSB-A-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | CADMIUM       | 0.5           | Y           | J-            | J-           |           | 0.5                 | mg/kg | 1.5    | mg/kg |
| RY112-NSB-A  | 09FC-RY112-NSB-A-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | CHROMIUM      | 1             | Y           | J             | J            |           | 1                   | mg/kg | 5.9    | mg/kg |
| RY112-NSB-A  | 09FC-RY112-NSB-A-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | COBALT        | 5             | Y           | U             | U            | J         | 5                   | mg/kg | 5      | mg/kg |
| RY112-NSB-A  | 09FC-RY112-NSB-A-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | COPPER        | 2.5           | Y           | J             | J            |           | 2.5                 | mg/kg | 10.8   | mg/kg |
| RY112-NSB-A  | 09FC-RY112-NSB-A-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | VANADIUM      | 5             | Y           |               |              |           | 5                   | mg/kg | 10.1   | mg/kg |
| RY112-NSB-A  | 09FC-RY112-NSB-A-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | ZINC          | 6             | Y           | J             | J            |           | 6                   | mg/kg | 265    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                         |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY112-NSB-A  | 09FC-RY112-NSB-A-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | CALCIUM       | 500           | Y           | J             | J            |           | 500                 | mg/kg | 3620   | mg/kg |
| RY112-NSB-A  | 09FC-RY112-NSB-A-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | SELENIUM      | 3.5           | N           | UJ            | UJ           | U         | 3.5                 | mg/kg | 3.9    | mg/kg |
| RY112-NSB-A  | 09FC-RY112-NSB-A-006012 | 8/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | ALUMINUM      | 20            | Y           |               |              |           | 20                  | mg/kg | 4250   | mg/kg |
| RY112-NSB-A  | 09FC-RY112-NSB-A-006012 | 8/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | IRON          | 10            | Y           | J             | J            |           | 10                  | mg/kg | 27000  | mg/kg |
| RY112-NSB-A  | 09FC-RY112-NSB-A-006012 | 8/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | LEAD          | 1             | Y           | J             | J            |           | 1                   | mg/kg | 4740   | mg/kg |
| RY112-NSB-A  | 09FC-RY112-NSB-A-006012 | 8/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 2580   | mg/kg |
| RY112-NSB-A  | 09FC-RY112-NSB-A-006012 | 8/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | MANGANESE     | 1.5           | Y           | J             | J            |           | 1.5                 | mg/kg | 1860   | mg/kg |
| RY112-NSB-A  | 09FC-RY112-NSB-A-006012 | 8/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | NICKEL        | 4             | Y           | J             | J            | J         | 4                   | mg/kg | 4.4    | mg/kg |
| RY112-NSB-A  | 09FC-RY112-NSB-A-006012 | 8/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | POTASSIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 779    | mg/kg |
| RY112-NSB-A  | 09FC-RY112-NSB-A-006012 | 8/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | SILVER        | 1             | Y           | J             | J            |           | 1                   | mg/kg | 34.8   | mg/kg |
| RY112-NSB-A  | 09FC-RY112-NSB-A-006012 | 8/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | SODIUM        | 500           | Y           | U             | U            | J         | 500                 | mg/kg | 500    | mg/kg |
| RY112-NSB-A  | 09FC-RY112-NSB-A-006012 | 8/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.8    | mg/kg |
| RY112-NSB-A  | 09FC-RY112-NSB-A-006012 | 8/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | ANTIMONY      | 6             | Y           | J-            | J-           |           | 6                   | mg/kg | 370    | mg/kg |
| RY112-NSB-A  | 09FC-RY112-NSB-A-006012 | 8/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | ARSENIC       | 1             | Y           | J             | J            |           | 1                   | mg/kg | 655    | mg/kg |
| RY112-NSB-A  | 09FC-RY112-NSB-A-006012 | 8/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | BARIUM        | 20            | Y           | J-            | J-           |           | 20                  | mg/kg | 88.1   | mg/kg |
| RY112-NSB-A  | 09FC-RY112-NSB-A-006012 | 8/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | BERYLLIUM     | 0.5           | N           | U             |              | U         | 0.5                 | mg/kg | 0.55   | mg/kg |
| RY112-NSB-A  | 09FC-RY112-NSB-A-006012 | 8/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | CADMIUM       | 0.5           | Y           | J-            | J-           |           | 0.5                 | mg/kg | 24.4   | mg/kg |
| RY112-NSB-A  | 09FC-RY112-NSB-A-006012 | 8/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | CHROMIUM      | 1             | Y           | J             | J            |           | 1                   | mg/kg | 3.3    | mg/kg |
| RY112-NSB-A  | 09FC-RY112-NSB-A-006012 | 8/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | COBALT        | 5             | Y           | U             | U            | J         | 5                   | mg/kg | 5      | mg/kg |
| RY112-NSB-A  | 09FC-RY112-NSB-A-006012 | 8/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | COPPER        | 2.5           | Y           | J             | J            |           | 2.5                 | mg/kg | 43.7   | mg/kg |
| RY112-NSB-A  | 09FC-RY112-NSB-A-006012 | 8/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | VANADIUM      | 5             | Y           |               |              |           | 5                   | mg/kg | 6.1    | mg/kg |
| RY112-NSB-A  | 09FC-RY112-NSB-A-006012 | 8/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | ZINC          | 6             | Y           | J             | J            |           | 6                   | mg/kg | 3740   | mg/kg |
| RY112-NSB-A  | 09FC-RY112-NSB-A-006012 | 8/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | CALCIUM       | 500           | Y           | J             | J            |           | 500                 | mg/kg | 2310   | mg/kg |
| RY112-NSB-A  | 09FC-RY112-NSB-A-006012 | 8/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | SELENIUM      | 3.5           | N           | UJ            | UJ           | U         | 3.5                 | mg/kg | 3.9    | mg/kg |
| RY112-NSB-C  | 09FC-RY112-NSB-C-002006 | 8/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | ALUMINUM      | 20            | Y           |               |              |           | 20                  | mg/kg | 5900   | mg/kg |
| RY112-NSB-C  | 09FC-RY112-NSB-C-002006 | 8/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | IRON          | 10            | Y           | J             | J            |           | 10                  | mg/kg | 10700  | mg/kg |
| RY112-NSB-C  | 09FC-RY112-NSB-C-002006 | 8/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | LEAD          | 1             | Y           | J             | J            |           | 1                   | mg/kg | 459    | mg/kg |
| RY112-NSB-C  | 09FC-RY112-NSB-C-002006 | 8/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 4710   | mg/kg |
| RY112-NSB-C  | 09FC-RY112-NSB-C-002006 | 8/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | MANGANESE     | 1.5           | Y           | J             | J            |           | 1.5                 | mg/kg | 378    | mg/kg |
| RY112-NSB-C  | 09FC-RY112-NSB-C-002006 | 8/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | NICKEL        | 4             | Y           | J             | J            |           | 4                   | mg/kg | 6.8    | mg/kg |
| RY112-NSB-C  | 09FC-RY112-NSB-C-002006 | 8/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | POTASSIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 1150   | mg/kg |
| RY112-NSB-C  | 09FC-RY112-NSB-C-002006 | 8/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | SILVER        | 1             | Y           | J             | J            |           | 1                   | mg/kg | 3.8    | mg/kg |
| RY112-NSB-C  | 09FC-RY112-NSB-C-002006 | 8/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | SODIUM        | 500           | Y           | U             | U            | J         | 500                 | mg/kg | 500    | mg/kg |
| RY112-NSB-C  | 09FC-RY112-NSB-C-002006 | 8/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.8    | mg/kg |
| RY112-NSB-C  | 09FC-RY112-NSB-C-002006 | 8/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | ANTIMONY      | 6             | Y           | J-            | J-           |           | 6                   | mg/kg | 22.7   | mg/kg |
| RY112-NSB-C  | 09FC-RY112-NSB-C-002006 | 8/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | ARSENIC       | 1             | Y           | J             | J            |           | 1                   | mg/kg | 102    | mg/kg |
| RY112-NSB-C  | 09FC-RY112-NSB-C-002006 | 8/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | BARIUM        | 20            | Y           | J-            | J-           |           | 20                  | mg/kg | 118    | mg/kg |
| RY112-NSB-C  | 09FC-RY112-NSB-C-002006 | 8/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | BERYLLIUM     | 0.5           | N           | U             |              | U         | 0.5                 | mg/kg | 0.56   | mg/kg |
| RY112-NSB-C  | 09FC-RY112-NSB-C-002006 | 8/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | CADMIUM       | 0.5           | Y           | J-            | J-           |           | 0.5                 | mg/kg | 2.1    | mg/kg |
| RY112-NSB-C  | 09FC-RY112-NSB-C-002006 | 8/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | CHROMIUM      | 1             | Y           | J             | J            |           | 1                   | mg/kg | 7.2    | mg/kg |
| RY112-NSB-C  | 09FC-RY112-NSB-C-002006 | 8/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | COBALT        | 5             | Y           | U             | U            | J         | 5                   | mg/kg | 5      | mg/kg |
| RY112-NSB-C  | 09FC-RY112-NSB-C-002006 | 8/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | COPPER        | 2.5           | Y           | J             | J            |           | 2.5                 | mg/kg | 17.9   | mg/kg |
| RY112-NSB-C  | 09FC-RY112-NSB-C-002006 | 8/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | VANADIUM      | 5             | Y           |               |              |           | 5                   | mg/kg | 9.6    | mg/kg |
| RY112-NSB-C  | 09FC-RY112-NSB-C-002006 | 8/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | ZINC          | 6             | Y           | J             | J            |           | 6                   | mg/kg | 414    | mg/kg |
| RY112-NSB-C  | 09FC-RY112-NSB-C-002006 | 8/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | CALCIUM       | 500           | Y           | J             | J            |           | 500                 | mg/kg | 6790   | mg/kg |
| RY112-NSB-C  | 09FC-RY112-NSB-C-002006 | 8/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | SELENIUM      | 3.5           | N           | UJ            | UJ           | U         | 3.5                 | mg/kg | 3.9    | mg/kg |
| RY112-NSB-E  | 09FC-RY112-NSB-E-006012 | 8/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | ALUMINUM      | 20            | Y           |               |              |           | 20                  | mg/kg | 5580   | mg/kg |
| RY112-NSB-E  | 09FC-RY112-NSB-E-006012 | 8/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | IRON          | 10            | Y           | J             | J            |           | 10                  | mg/kg | 9230   | mg/kg |



Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY112-NSB-E  | 09FC-RY112-NSB-E-006012 | 8/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 383    | mg/kg |
| RY112-NSB-E  | 09FC-RY112-NSB-E-006012 | 8/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 4940   | mg/kg |
| RY112-NSB-E  | 09FC-RY112-NSB-E-006012 | 8/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 347    | mg/kg |
| RY112-NSB-E  | 09FC-RY112-NSB-E-006012 | 8/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | NICKEL        | 4                   | Y           | J             | J            |           | 4                   | mg/kg | 5.6    | mg/kg |
| RY112-NSB-E  | 09FC-RY112-NSB-E-006012 | 8/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | POTASSIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 914    | mg/kg |
| RY112-NSB-E  | 09FC-RY112-NSB-E-006012 | 8/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | SILVER        | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 3      | mg/kg |
| RY112-NSB-E  | 09FC-RY112-NSB-E-006012 | 8/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | SODIUM        | 500                 | Y           | U             | U            | J         | 500                 | mg/kg | 500    | mg/kg |
| RY112-NSB-E  | 09FC-RY112-NSB-E-006012 | 8/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY112-NSB-E  | 09FC-RY112-NSB-E-006012 | 8/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | ANTIMONY      | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 19.8   | mg/kg |
| RY112-NSB-E  | 09FC-RY112-NSB-E-006012 | 8/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 74.1   | mg/kg |
| RY112-NSB-E  | 09FC-RY112-NSB-E-006012 | 8/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | BARIUM        | 20                  | Y           | J-            | J-           |           | 20                  | mg/kg | 73.6   | mg/kg |
| RY112-NSB-E  | 09FC-RY112-NSB-E-006012 | 8/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | BERYLLIUM     | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.52   | mg/kg |
| RY112-NSB-E  | 09FC-RY112-NSB-E-006012 | 8/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | CADMIUM       | 0.5                 | Y           | J-            | J-           |           | 0.5                 | mg/kg | 1.1    | mg/kg |
| RY112-NSB-E  | 09FC-RY112-NSB-E-006012 | 8/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | CHROMIUM      | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 6.3    | mg/kg |
| RY112-NSB-E  | 09FC-RY112-NSB-E-006012 | 8/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | COBALT        | 5                   | Y           | U             | U            | J         | 5                   | mg/kg | 5      | mg/kg |
| RY112-NSB-E  | 09FC-RY112-NSB-E-006012 | 8/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | COPPER        | 2.5                 | Y           | J             | J            |           | 2.5                 | mg/kg | 10.5   | mg/kg |
| RY112-NSB-E  | 09FC-RY112-NSB-E-006012 | 8/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 6.1    | mg/kg |
| RY112-NSB-E  | 09FC-RY112-NSB-E-006012 | 8/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 212    | mg/kg |
| RY112-NSB-E  | 09FC-RY112-NSB-E-006012 | 8/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 6540   | mg/kg |
| RY112-NSB-E  | 09FC-RY112-NSB-E-006012 | 8/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | SELENIUM      | 3.5                 | N           | UJ            | UJ           | U         | 3.5                 | mg/kg | 3.7    | mg/kg |
| RY112-NSS-C  | 09FC-RY112-NSS-C-000002 | 8/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 5120   | mg/kg |
| RY112-NSS-C  | 09FC-RY112-NSS-C-000002 | 8/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 9540   | mg/kg |
| RY112-NSS-C  | 09FC-RY112-NSS-C-000002 | 8/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 319    | mg/kg |
| RY112-NSS-C  | 09FC-RY112-NSS-C-000002 | 8/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 5110   | mg/kg |
| RY112-NSS-C  | 09FC-RY112-NSS-C-000002 | 8/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 348    | mg/kg |
| RY112-NSS-C  | 09FC-RY112-NSS-C-000002 | 8/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | NICKEL        | 4                   | Y           | J             | J            |           | 4                   | mg/kg | 6.9    | mg/kg |
| RY112-NSS-C  | 09FC-RY112-NSS-C-000002 | 8/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | POTASSIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 1080   | mg/kg |
| RY112-NSS-C  | 09FC-RY112-NSS-C-000002 | 8/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | SILVER        | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 2.5    | mg/kg |
| RY112-NSS-C  | 09FC-RY112-NSS-C-000002 | 8/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | SODIUM        | 500                 | Y           | U             | U            | J         | 500                 | mg/kg | 500    | mg/kg |
| RY112-NSS-C  | 09FC-RY112-NSS-C-000002 | 8/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.5    | mg/kg |
| RY112-NSS-C  | 09FC-RY112-NSS-C-000002 | 8/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | ANTIMONY      | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 19.5   | mg/kg |
| RY112-NSS-C  | 09FC-RY112-NSS-C-000002 | 8/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 46     | mg/kg |
| RY112-NSS-C  | 09FC-RY112-NSS-C-000002 | 8/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | BARIUM        | 20                  | Y           | J-            | J-           |           | 20                  | mg/kg | 94     | mg/kg |
| RY112-NSS-C  | 09FC-RY112-NSS-C-000002 | 8/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | BERYLLIUM     | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.51   | mg/kg |
| RY112-NSS-C  | 09FC-RY112-NSS-C-000002 | 8/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | CADMIUM       | 0.5                 | Y           | J-            | J-           |           | 0.5                 | mg/kg | 1.3    | mg/kg |
| RY112-NSS-C  | 09FC-RY112-NSS-C-000002 | 8/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | CHROMIUM      | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 6.4    | mg/kg |
| RY112-NSS-C  | 09FC-RY112-NSS-C-000002 | 8/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | COBALT        | 5                   | Y           | U             | U            | J         | 5                   | mg/kg | 5      | mg/kg |
| RY112-NSS-C  | 09FC-RY112-NSS-C-000002 | 8/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | COPPER        | 2.5                 | Y           | J             | J            |           | 2.5                 | mg/kg | 12.3   | mg/kg |
| RY112-NSS-C  | 09FC-RY112-NSS-C-000002 | 8/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 7.6    | mg/kg |
| RY112-NSS-C  | 09FC-RY112-NSS-C-000002 | 8/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 261    | mg/kg |
| RY112-NSS-C  | 09FC-RY112-NSS-C-000002 | 8/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 8490   | mg/kg |
| RY112-NSS-C  | 09FC-RY112-NSS-C-000002 | 8/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | SELENIUM      | 3.5                 | N           | UJ            | UJ           | U         | 3.5                 | mg/kg | 3.6    | mg/kg |
| RY115-NSB-A  | 09FC-RY115-NSB-A-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 2730   | mg/kg |
| RY115-NSB-A  | 09FC-RY115-NSB-A-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 42600  | mg/kg |
| RY115-NSB-A  | 09FC-RY115-NSB-A-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 6690   | mg/kg |
| RY115-NSB-A  | 09FC-RY115-NSB-A-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 4320   | mg/kg |
| RY115-NSB-A  | 09FC-RY115-NSB-A-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 2830   | mg/kg |
| RY115-NSB-A  | 09FC-RY115-NSB-A-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | NICKEL        | 4                   | Y           | J             | J            | J         | 4                   | mg/kg | 3.5    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY115-NSB-A  | 09FC-RY115-NSB-A-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | POTASSIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 828    | mg/kg |
| RY115-NSB-A  | 09FC-RY115-NSB-A-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | SILVER        | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 56.3   | mg/kg |
| RY115-NSB-A  | 09FC-RY115-NSB-A-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | SODIUM        | 500                 | Y           | U             | U            | J         | 500                 | mg/kg | 500    | mg/kg |
| RY115-NSB-A  | 09FC-RY115-NSB-A-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY115-NSB-A  | 09FC-RY115-NSB-A-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | ANTIMONY      | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 603    | mg/kg |
| RY115-NSB-A  | 09FC-RY115-NSB-A-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | BARIUM        | 20                  | Y           | J-            | J-           |           | 20                  | mg/kg | 40.5   | mg/kg |
| RY115-NSB-A  | 09FC-RY115-NSB-A-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.029  | mg/kg |
| RY115-NSB-A  | 09FC-RY115-NSB-A-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | CADMIUM       | 0.5                 | Y           | J-            | J-           |           | 0.5                 | mg/kg | 30.9   | mg/kg |
| RY115-NSB-A  | 09FC-RY115-NSB-A-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | CHROMIUM      | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 1.9    | mg/kg |
| RY115-NSB-A  | 09FC-RY115-NSB-A-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | COBALT        | 5                   | Y           | U             | U            | J         | 5                   | mg/kg | 5      | mg/kg |
| RY115-NSB-A  | 09FC-RY115-NSB-A-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | COPPER        | 2.5                 | Y           | J             | J            |           | 2.5                 | mg/kg | 36     | mg/kg |
| RY115-NSB-A  | 09FC-RY115-NSB-A-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | VANADIUM      | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 1.8    | mg/kg |
| RY115-NSB-A  | 09FC-RY115-NSB-A-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 7550   | mg/kg |
| RY115-NSB-A  | 09FC-RY115-NSB-A-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | SELENIUM      | 3.5                 | N           | UJ            | UJ           | U         | 3.5                 | mg/kg | 3.6    | mg/kg |
| RY115-NSB-A  | 09FC-RY115-NSB-A-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 1210   | mg/kg |
| RY115-NSB-A  | 09FC-RY115-NSB-A-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | ZINC          | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 6990   | mg/kg |
| RY115-NSB-A  | 09FC-RY115-NSB-A-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 2520   | mg/kg |
| RY115-NSB-A  | 09FC-RY115-NSB-A-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 33800  | mg/kg |
| RY115-NSB-A  | 09FC-RY115-NSB-A-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 3960   | mg/kg |
| RY115-NSB-A  | 09FC-RY115-NSB-A-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 2350   | mg/kg |
| RY115-NSB-A  | 09FC-RY115-NSB-A-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | NICKEL        | 4                   | Y           | J             | J            | J         | 4                   | mg/kg | 3.5    | mg/kg |
| RY115-NSB-A  | 09FC-RY115-NSB-A-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | POTASSIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 873    | mg/kg |
| RY115-NSB-A  | 09FC-RY115-NSB-A-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | SILVER        | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 110    | mg/kg |
| RY115-NSB-A  | 09FC-RY115-NSB-A-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | SODIUM        | 500                 | Y           | U             | U            | J         | 500                 | mg/kg | 500    | mg/kg |
| RY115-NSB-A  | 09FC-RY115-NSB-A-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY115-NSB-A  | 09FC-RY115-NSB-A-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 754    | mg/kg |
| RY115-NSB-A  | 09FC-RY115-NSB-A-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | BARIUM        | 20                  | Y           | J-            | J-           |           | 20                  | mg/kg | 43.3   | mg/kg |
| RY115-NSB-A  | 09FC-RY115-NSB-A-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | BERYLLIUM     | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.52   | mg/kg |
| RY115-NSB-A  | 09FC-RY115-NSB-A-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | CADMIUM       | 0.5                 | Y           | J-            | J-           |           | 0.5                 | mg/kg | 121    | mg/kg |
| RY115-NSB-A  | 09FC-RY115-NSB-A-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | CHROMIUM      | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 1.8    | mg/kg |
| RY115-NSB-A  | 09FC-RY115-NSB-A-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | COBALT        | 5                   | Y           | U             | U            | J         | 5                   | mg/kg | 5      | mg/kg |
| RY115-NSB-A  | 09FC-RY115-NSB-A-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | COPPER        | 2.5                 | Y           | J             | J            |           | 2.5                 | mg/kg | 79.3   | mg/kg |
| RY115-NSB-A  | 09FC-RY115-NSB-A-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | VANADIUM      | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 2      | mg/kg |
| RY115-NSB-A  | 09FC-RY115-NSB-A-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 8340   | mg/kg |
| RY115-NSB-A  | 09FC-RY115-NSB-A-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | SELENIUM      | 3.5                 | N           | UJ            | UJ           | U         | 3.5                 | mg/kg | 3.7    | mg/kg |
| RY115-NSB-A  | 09FC-RY115-NSB-A-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/30/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 20400  | mg/kg |
| RY115-NSB-A  | 09FC-RY115-NSB-A-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/30/2009    | ANTIMONY      | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 1690   | mg/kg |
| RY115-NSB-A  | 09FC-RY115-NSB-A-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/30/2009    | ZINC          | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 20700  | mg/kg |
| RY115-NSB-D  | 09FC-RY115-NSB-D-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 4860   | mg/kg |
| RY115-NSB-D  | 09FC-RY115-NSB-D-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 8550   | mg/kg |
| RY115-NSB-D  | 09FC-RY115-NSB-D-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 202    | mg/kg |
| RY115-NSB-D  | 09FC-RY115-NSB-D-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 5170   | mg/kg |
| RY115-NSB-D  | 09FC-RY115-NSB-D-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 292    | mg/kg |
| RY115-NSB-D  | 09FC-RY115-NSB-D-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | NICKEL        | 4                   | Y           | J             | J            |           | 4                   | mg/kg | 5.6    | mg/kg |
| RY115-NSB-D  | 09FC-RY115-NSB-D-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | POTASSIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 1100   | mg/kg |
| RY115-NSB-D  | 09FC-RY115-NSB-D-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | SILVER        | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 1.4    | mg/kg |
| RY115-NSB-D  | 09FC-RY115-NSB-D-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | SODIUM        | 500                 | Y           | U             | U            | J         | 500                 | mg/kg | 34.7   | mg/kg |
| RY115-NSB-D  | 09FC-RY115-NSB-D-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                         |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY115-NSB-D  | 09FC-RY115-NSB-D-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | ANTIMONY      | 6             | Y           | J-            | J-           |           | 6                   | mg/kg | 12.7   | mg/kg |
| RY115-NSB-D  | 09FC-RY115-NSB-D-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | ARSENIC       | 1             | Y           | J             | J            |           | 1                   | mg/kg | 38.3   | mg/kg |
| RY115-NSB-D  | 09FC-RY115-NSB-D-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | BARIUM        | 20            | Y           | J-            | J-           |           | 20                  | mg/kg | 62.6   | mg/kg |
| RY115-NSB-D  | 09FC-RY115-NSB-D-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | BERYLLIUM     | 0.5           | N           | U             |              | U         | 0.5                 | mg/kg | 0.51   | mg/kg |
| RY115-NSB-D  | 09FC-RY115-NSB-D-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | CADMIUM       | 0.5           | Y           | J-            | J-           |           | 0.5                 | mg/kg | 0.89   | mg/kg |
| RY115-NSB-D  | 09FC-RY115-NSB-D-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | CHROMIUM      | 1             | Y           | J             | J            |           | 1                   | mg/kg | 5.6    | mg/kg |
| RY115-NSB-D  | 09FC-RY115-NSB-D-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | COBALT        | 5             | Y           | U             | U            | J         | 5                   | mg/kg | 5      | mg/kg |
| RY115-NSB-D  | 09FC-RY115-NSB-D-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | COPPER        | 2.5           | Y           | J             | J            |           | 2.5                 | mg/kg | 9.8    | mg/kg |
| RY115-NSB-D  | 09FC-RY115-NSB-D-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | VANADIUM      | 5             | Y           |               |              |           | 5                   | mg/kg | 5.5    | mg/kg |
| RY115-NSB-D  | 09FC-RY115-NSB-D-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | ZINC          | 6             | Y           | J             | J            |           | 6                   | mg/kg | 180    | mg/kg |
| RY115-NSB-D  | 09FC-RY115-NSB-D-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | CALCIUM       | 500           | Y           | J             | J            |           | 500                 | mg/kg | 10000  | mg/kg |
| RY115-NSB-D  | 09FC-RY115-NSB-D-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | SELENIUM      | 3.5           | N           | UJ            | UJ           | U         | 3.5                 | mg/kg | 3.6    | mg/kg |
| RY115-NSB-E  | 09FC-RY115-NSB-E-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | ALUMINUM      | 20            | Y           |               |              |           | 20                  | mg/kg | 4860   | mg/kg |
| RY115-NSB-E  | 09FC-RY115-NSB-E-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | IRON          | 10            | Y           | J             | J            |           | 10                  | mg/kg | 28000  | mg/kg |
| RY115-NSB-E  | 09FC-RY115-NSB-E-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | LEAD          | 1             | Y           | J             | J            |           | 1                   | mg/kg | 2930   | mg/kg |
| RY115-NSB-E  | 09FC-RY115-NSB-E-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 3590   | mg/kg |
| RY115-NSB-E  | 09FC-RY115-NSB-E-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | MANGANESE     | 1.5           | Y           | J             | J            |           | 1.5                 | mg/kg | 1820   | mg/kg |
| RY115-NSB-E  | 09FC-RY115-NSB-E-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | NICKEL        | 4             | Y           | J             | J            |           | 4                   | mg/kg | 4.4    | mg/kg |
| RY115-NSB-E  | 09FC-RY115-NSB-E-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | POTASSIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 1000   | mg/kg |
| RY115-NSB-E  | 09FC-RY115-NSB-E-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | SILVER        | 1             | Y           | J             | J            |           | 1                   | mg/kg | 21.1   | mg/kg |
| RY115-NSB-E  | 09FC-RY115-NSB-E-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | SODIUM        | 500           | Y           | U             | U            | J         | 500                 | mg/kg | 500    | mg/kg |
| RY115-NSB-E  | 09FC-RY115-NSB-E-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY115-NSB-E  | 09FC-RY115-NSB-E-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | ANTIMONY      | 6             | Y           | J-            | J-           |           | 6                   | mg/kg | 200    | mg/kg |
| RY115-NSB-E  | 09FC-RY115-NSB-E-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | ARSENIC       | 1             | Y           | J             | J            |           | 1                   | mg/kg | 465    | mg/kg |
| RY115-NSB-E  | 09FC-RY115-NSB-E-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | BARIUM        | 20            | Y           | J-            | J-           |           | 20                  | mg/kg | 55.3   | mg/kg |
| RY115-NSB-E  | 09FC-RY115-NSB-E-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | BERYLLIUM     | 0.5           | N           | U             |              | U         | 0.5                 | mg/kg | 0.52   | mg/kg |
| RY115-NSB-E  | 09FC-RY115-NSB-E-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | CADMIUM       | 0.5           | Y           | J-            | J-           |           | 0.5                 | mg/kg | 12.7   | mg/kg |
| RY115-NSB-E  | 09FC-RY115-NSB-E-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | CHROMIUM      | 1             | Y           | J             | J            |           | 1                   | mg/kg | 3.7    | mg/kg |
| RY115-NSB-E  | 09FC-RY115-NSB-E-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | COBALT        | 5             | Y           | U             | U            | J         | 5                   | mg/kg | 5      | mg/kg |
| RY115-NSB-E  | 09FC-RY115-NSB-E-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | COPPER        | 2.5           | Y           | J             | J            |           | 2.5                 | mg/kg | 19.3   | mg/kg |
| RY115-NSB-E  | 09FC-RY115-NSB-E-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | VANADIUM      | 5             | Y           |               |              |           | 5                   | mg/kg | 5.3    | mg/kg |
| RY115-NSB-E  | 09FC-RY115-NSB-E-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | ZINC          | 6             | Y           | J             | J            |           | 6                   | mg/kg | 2130   | mg/kg |
| RY115-NSB-E  | 09FC-RY115-NSB-E-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | CALCIUM       | 500           | Y           | J             | J            |           | 500                 | mg/kg | 3370   | mg/kg |
| RY115-NSB-E  | 09FC-RY115-NSB-E-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | SELENIUM      | 3.5           | N           | UJ            | UJ           | U         | 3.5                 | mg/kg | 3.6    | mg/kg |
| RY115-NSB-E  | 09FC-RY115-NSB-E-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | ALUMINUM      | 20            | Y           |               |              |           | 20                  | mg/kg | 5810   | mg/kg |
| RY115-NSB-E  | 09FC-RY115-NSB-E-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | IRON          | 10            | Y           | J             | J            |           | 10                  | mg/kg | 13900  | mg/kg |
| RY115-NSB-E  | 09FC-RY115-NSB-E-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | LEAD          | 1             | Y           | J             | J            |           | 1                   | mg/kg | 873    | mg/kg |
| RY115-NSB-E  | 09FC-RY115-NSB-E-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 4560   | mg/kg |
| RY115-NSB-E  | 09FC-RY115-NSB-E-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | MANGANESE     | 1.5           | Y           | J             | J            |           | 1.5                 | mg/kg | 691    | mg/kg |
| RY115-NSB-E  | 09FC-RY115-NSB-E-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | NICKEL        | 4             | Y           | J             | J            |           | 4                   | mg/kg | 5.2    | mg/kg |
| RY115-NSB-E  | 09FC-RY115-NSB-E-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | POTASSIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 1060   | mg/kg |
| RY115-NSB-E  | 09FC-RY115-NSB-E-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | SILVER        | 1             | Y           | J             | J            |           | 1                   | mg/kg | 5.8    | mg/kg |
| RY115-NSB-E  | 09FC-RY115-NSB-E-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | SODIUM        | 500           | Y           | U             | U            | J         | 500                 | mg/kg | 500    | mg/kg |
| RY115-NSB-E  | 09FC-RY115-NSB-E-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY115-NSB-E  | 09FC-RY115-NSB-E-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | ANTIMONY      | 6             | Y           | J-            | J-           |           | 6                   | mg/kg | 56.7   | mg/kg |
| RY115-NSB-E  | 09FC-RY115-NSB-E-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | ARSENIC       | 1             | Y           | J             | J            |           | 1                   | mg/kg | 287    | mg/kg |
| RY115-NSB-E  | 09FC-RY115-NSB-E-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | BARIUM        | 20            | Y           | J-            | J-           |           | 20                  | mg/kg | 60.1   | mg/kg |
| RY115-NSB-E  | 09FC-RY115-NSB-E-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | BERYLLIUM     | 0.5           | N           | U             |              | U         | 0.5                 | mg/kg | 0.52   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY115-NSB-E  | 09FC-RY115-NSB-E-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | CADMIUM       | 0.5                 | Y           | J-            | J-           |           | 0.5                 | mg/kg | 6.6    | mg/kg |
| RY115-NSB-E  | 09FC-RY115-NSB-E-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | CHROMIUM      | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 4.3    | mg/kg |
| RY115-NSB-E  | 09FC-RY115-NSB-E-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | COBALT        | 5                   | Y           | U             | U            | J         | 5                   | mg/kg | 5      | mg/kg |
| RY115-NSB-E  | 09FC-RY115-NSB-E-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | COPPER        | 2.5                 | Y           | J             | J            |           | 2.5                 | mg/kg | 12.1   | mg/kg |
| RY115-NSB-E  | 09FC-RY115-NSB-E-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 6.2    | mg/kg |
| RY115-NSB-E  | 09FC-RY115-NSB-E-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 1050   | mg/kg |
| RY115-NSB-E  | 09FC-RY115-NSB-E-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 10300  | mg/kg |
| RY115-NSB-E  | 09FC-RY115-NSB-E-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/27/2009    | SELENIUM      | 3.5                 | N           | UJ            | UJ           | U         | 3.5                 | mg/kg | 3.6    | mg/kg |
| RY115-NSS-A  | 09FC-RY115-NSS-A-000002 | 9/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 1420   | mg/kg |
| RY115-NSS-A  | 09FC-RY115-NSS-A-000002 | 9/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 2490   | mg/kg |
| RY115-NSS-A  | 09FC-RY115-NSS-A-000002 | 9/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | NICKEL        | 4                   | N           | UJ            | UJ           | U         | 4                   | mg/kg | 4.2    | mg/kg |
| RY115-NSS-A  | 09FC-RY115-NSS-A-000002 | 9/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | POTASSIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 650    | mg/kg |
| RY115-NSS-A  | 09FC-RY115-NSS-A-000002 | 9/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | SILVER        | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 111    | mg/kg |
| RY115-NSS-A  | 09FC-RY115-NSS-A-000002 | 9/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | SODIUM        | 500                 | Y           | U             | U            | J         | 500                 | mg/kg | 500    | mg/kg |
| RY115-NSS-A  | 09FC-RY115-NSS-A-000002 | 9/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY115-NSS-A  | 09FC-RY115-NSS-A-000002 | 9/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | BARIUM        | 20                  | Y           | J-            | J-           |           | 20                  | mg/kg | 31.7   | mg/kg |
| RY115-NSS-A  | 09FC-RY115-NSS-A-000002 | 9/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | BERYLLIUM     | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.52   | mg/kg |
| RY115-NSS-A  | 09FC-RY115-NSS-A-000002 | 9/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | CADMIUM       | 0.5                 | Y           | J-            | J-           |           | 0.5                 | mg/kg | 172    | mg/kg |
| RY115-NSS-A  | 09FC-RY115-NSS-A-000002 | 9/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | CHROMIUM      | 1                   | N           | UJ            | UJ           | U         | 1                   | mg/kg | 1      | mg/kg |
| RY115-NSS-A  | 09FC-RY115-NSS-A-000002 | 9/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | COBALT        | 5                   | Y           | U             | U            | J         | 5                   | mg/kg | 5      | mg/kg |
| RY115-NSS-A  | 09FC-RY115-NSS-A-000002 | 9/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | COPPER        | 2.5                 | Y           | J             | J            |           | 2.5                 | mg/kg | 32.6   | mg/kg |
| RY115-NSS-A  | 09FC-RY115-NSS-A-000002 | 9/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | VANADIUM      | 5                   | N           | U             |              | U         | 5                   | mg/kg | 5.2    | mg/kg |
| RY115-NSS-A  | 09FC-RY115-NSS-A-000002 | 9/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 3650   | mg/kg |
| RY115-NSS-A  | 09FC-RY115-NSS-A-000002 | 9/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | SELENIUM      | 3.5                 | N           | UJ            | UJ           | U         | 3.5                 | mg/kg | 3.7    | mg/kg |
| RY115-NSS-A  | 09FC-RY115-NSS-A-000002 | 9/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/30/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 63000  | mg/kg |
| RY115-NSS-A  | 09FC-RY115-NSS-A-000002 | 9/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/30/2009    | LEAD          | 1                   | Y           | J-            | J-           |           | 1                   | mg/kg | 13300  | mg/kg |
| RY115-NSS-A  | 09FC-RY115-NSS-A-000002 | 9/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/30/2009    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 4090   | mg/kg |
| RY115-NSS-A  | 09FC-RY115-NSS-A-000002 | 9/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/30/2009    | ANTIMONY      | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 1300   | mg/kg |
| RY115-NSS-A  | 09FC-RY115-NSS-A-000002 | 9/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/30/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 1380   | mg/kg |
| RY115-NSS-A  | 09FC-RY115-NSS-A-000002 | 9/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/30/2009    | ZINC          | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 27500  | mg/kg |
| RY115-NSS-E  | 09FC-RY115-NSS-E-000002 | 9/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 5340   | mg/kg |
| RY115-NSS-E  | 09FC-RY115-NSS-E-000002 | 9/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 13900  | mg/kg |
| RY115-NSS-E  | 09FC-RY115-NSS-E-000002 | 9/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 706    | mg/kg |
| RY115-NSS-E  | 09FC-RY115-NSS-E-000002 | 9/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 4300   | mg/kg |
| RY115-NSS-E  | 09FC-RY115-NSS-E-000002 | 9/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 705    | mg/kg |
| RY115-NSS-E  | 09FC-RY115-NSS-E-000002 | 9/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | NICKEL        | 4                   | Y           | J             | J            |           | 4                   | mg/kg | 4.8    | mg/kg |
| RY115-NSS-E  | 09FC-RY115-NSS-E-000002 | 9/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | POTASSIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 1220   | mg/kg |
| RY115-NSS-E  | 09FC-RY115-NSS-E-000002 | 9/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | SILVER        | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 5.9    | mg/kg |
| RY115-NSS-E  | 09FC-RY115-NSS-E-000002 | 9/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | SODIUM        | 500                 | Y           | U             | U            | J         | 500                 | mg/kg | 500    | mg/kg |
| RY115-NSS-E  | 09FC-RY115-NSS-E-000002 | 9/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.5    | mg/kg |
| RY115-NSS-E  | 09FC-RY115-NSS-E-000002 | 9/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | ANTIMONY      | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 47.4   | mg/kg |
| RY115-NSS-E  | 09FC-RY115-NSS-E-000002 | 9/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 129    | mg/kg |
| RY115-NSS-E  | 09FC-RY115-NSS-E-000002 | 9/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | BARIUM        | 20                  | Y           | J-            | J-           |           | 20                  | mg/kg | 54.6   | mg/kg |
| RY115-NSS-E  | 09FC-RY115-NSS-E-000002 | 9/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | BERYLLIUM     | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.51   | mg/kg |
| RY115-NSS-E  | 09FC-RY115-NSS-E-000002 | 9/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | CADMIUM       | 0.5                 | Y           | J-            | J-           |           | 0.5                 | mg/kg | 7.4    | mg/kg |
| RY115-NSS-E  | 09FC-RY115-NSS-E-000002 | 9/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | CHROMIUM      | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 6.6    | mg/kg |
| RY115-NSS-E  | 09FC-RY115-NSS-E-000002 | 9/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | COBALT        | 5                   | Y           | U             | U            | J         | 5                   | mg/kg | 5      | mg/kg |
| RY115-NSS-E  | 09FC-RY115-NSS-E-000002 | 9/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | COPPER        | 2.5                 | Y           | J             | J            |           | 2.5                 | mg/kg | 11.9   | mg/kg |

## Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY115-NSS-E  | 09FC-RY115-NSS-E-000002 | 9/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 6.5    | mg/kg |
| RY115-NSS-E  | 09FC-RY115-NSS-E-000002 | 9/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 1250   | mg/kg |
| RY115-NSS-E  | 09FC-RY115-NSS-E-000002 | 9/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 7390   | mg/kg |
| RY115-NSS-E  | 09FC-RY115-NSS-E-000002 | 9/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/27/2009    | SELENIUM      | 3.5                 | N           | UJ            | UJ           | U         | 3.5                 | mg/kg | 3.6    | mg/kg |
| RY125-NSB-D  | 09FC-RY125-NSB-D-002006 | 8/25/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 4250   | mg/kg |
| RY125-NSB-D  | 09FC-RY125-NSB-D-002006 | 8/25/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 28800  | mg/kg |
| RY125-NSB-D  | 09FC-RY125-NSB-D-002006 | 8/25/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 3840   | mg/kg |
| RY125-NSB-D  | 09FC-RY125-NSB-D-002006 | 8/25/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 2800   | mg/kg |
| RY125-NSB-D  | 09FC-RY125-NSB-D-002006 | 8/25/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 1480   | mg/kg |
| RY125-NSB-D  | 09FC-RY125-NSB-D-002006 | 8/25/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | NICKEL        | 4                   | Y           | J             | J            | J         | 4                   | mg/kg | 2.9    | mg/kg |
| RY125-NSB-D  | 09FC-RY125-NSB-D-002006 | 8/25/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | POTASSIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 832    | mg/kg |
| RY125-NSB-D  | 09FC-RY125-NSB-D-002006 | 8/25/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | SILVER        | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 30.2   | mg/kg |
| RY125-NSB-D  | 09FC-RY125-NSB-D-002006 | 8/25/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | SODIUM        | 500                 | Y           | U             | U            | J         | 500                 | mg/kg | 500    | mg/kg |
| RY125-NSB-D  | 09FC-RY125-NSB-D-002006 | 8/25/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.7    | mg/kg |
| RY125-NSB-D  | 09FC-RY125-NSB-D-002006 | 8/25/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | ANTIMONY      | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 314    | mg/kg |
| RY125-NSB-D  | 09FC-RY125-NSB-D-002006 | 8/25/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 653    | mg/kg |
| RY125-NSB-D  | 09FC-RY125-NSB-D-002006 | 8/25/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | BARIUM        | 20                  | Y           | J-            | J-           |           | 20                  | mg/kg | 77.5   | mg/kg |
| RY125-NSB-D  | 09FC-RY125-NSB-D-002006 | 8/25/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | BERYLLIUM     | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.53   | mg/kg |
| RY125-NSB-D  | 09FC-RY125-NSB-D-002006 | 8/25/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | CADMIUM       | 0.5                 | Y           | J-            | J-           |           | 0.5                 | mg/kg | 8.5    | mg/kg |
| RY125-NSB-D  | 09FC-RY125-NSB-D-002006 | 8/25/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | CHROMIUM      | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 2.8    | mg/kg |
| RY125-NSB-D  | 09FC-RY125-NSB-D-002006 | 8/25/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | COBALT        | 5                   | Y           | U             | U            | J         | 5                   | mg/kg | 5      | mg/kg |
| RY125-NSB-D  | 09FC-RY125-NSB-D-002006 | 8/25/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | COPPER        | 2.5                 | Y           | J             | J            |           | 2.5                 | mg/kg | 22.1   | mg/kg |
| RY125-NSB-D  | 09FC-RY125-NSB-D-002006 | 8/25/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | VANADIUM      | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.8    | mg/kg |
| RY125-NSB-D  | 09FC-RY125-NSB-D-002006 | 8/25/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 1590   | mg/kg |
| RY125-NSB-D  | 09FC-RY125-NSB-D-002006 | 8/25/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 7570   | mg/kg |
| RY125-NSB-D  | 09FC-RY125-NSB-D-002006 | 8/25/2009   | N           | 2           | 6         | in         | C200.7          | 11/27/2009    | SELENIUM      | 3.5                 | N           | UJ            | UJ           | U         | 3.5                 | mg/kg | 3.7    | mg/kg |
| RY125-NSB-D  | 09FC-RY125-NSB-D-006012 | 8/25/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 8550   | mg/kg |
| RY125-NSB-D  | 09FC-RY125-NSB-D-006012 | 8/25/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 13800  | mg/kg |
| RY125-NSB-D  | 09FC-RY125-NSB-D-006012 | 8/25/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 771    | mg/kg |
| RY125-NSB-D  | 09FC-RY125-NSB-D-006012 | 8/25/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | MAGNESIUM     | 500                 | Y           | J-            | J-           |           | 500                 | mg/kg | 2860   | mg/kg |
| RY125-NSB-D  | 09FC-RY125-NSB-D-006012 | 8/25/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | MANGANESE     | 1.5                 | Y           | J-            | J-           |           | 1.5                 | mg/kg | 773    | mg/kg |
| RY125-NSB-D  | 09FC-RY125-NSB-D-006012 | 8/25/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 5.5    | mg/kg |
| RY125-NSB-D  | 09FC-RY125-NSB-D-006012 | 8/25/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1160   | mg/kg |
| RY125-NSB-D  | 09FC-RY125-NSB-D-006012 | 8/25/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | SILVER        | 1                   | Y           | J-            | J-           |           | 1                   | mg/kg | 3.3    | mg/kg |
| RY125-NSB-D  | 09FC-RY125-NSB-D-006012 | 8/25/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 123    | mg/kg |
| RY125-NSB-D  | 09FC-RY125-NSB-D-006012 | 8/25/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.7    | mg/kg |
| RY125-NSB-D  | 09FC-RY125-NSB-D-006012 | 8/25/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | ANTIMONY      | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 16.1   | mg/kg |
| RY125-NSB-D  | 09FC-RY125-NSB-D-006012 | 8/25/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 678    | mg/kg |
| RY125-NSB-D  | 09FC-RY125-NSB-D-006012 | 8/25/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 115    | mg/kg |
| RY125-NSB-D  | 09FC-RY125-NSB-D-006012 | 8/25/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | BERYLLIUM     | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.53   | mg/kg |
| RY125-NSB-D  | 09FC-RY125-NSB-D-006012 | 8/25/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | CADMIUM       | 0.5                 | Y           | J             | J            |           | 0.5                 | mg/kg | 2.8    | mg/kg |
| RY125-NSB-D  | 09FC-RY125-NSB-D-006012 | 8/25/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 4.5    | mg/kg |
| RY125-NSB-D  | 09FC-RY125-NSB-D-006012 | 8/25/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | COBALT        | 5                   | Y           | U             | U            | J         | 5                   | mg/kg | 5      | mg/kg |
| RY125-NSB-D  | 09FC-RY125-NSB-D-006012 | 8/25/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 6.1    | mg/kg |
| RY125-NSB-D  | 09FC-RY125-NSB-D-006012 | 8/25/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 8      | mg/kg |
| RY125-NSB-D  | 09FC-RY125-NSB-D-006012 | 8/25/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | ZINC          | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 271    | mg/kg |
| RY125-NSB-D  | 09FC-RY125-NSB-D-006012 | 8/25/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 3140   | mg/kg |
| RY125-NSB-D  | 09FC-RY125-NSB-D-006012 | 8/25/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.7    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY125-NSS-D  | 09FC-RY125-NSS-D-000002 | 8/25/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 3830   | mg/kg |
| RY125-NSS-D  | 09FC-RY125-NSS-D-000002 | 8/25/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 10200  | mg/kg |
| RY125-NSS-D  | 09FC-RY125-NSS-D-000002 | 8/25/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 805    | mg/kg |
| RY125-NSS-D  | 09FC-RY125-NSS-D-000002 | 8/25/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | MAGNESIUM     | 500                 | Y           | J-            | J-           |           | 500                 | mg/kg | 4740   | mg/kg |
| RY125-NSS-D  | 09FC-RY125-NSS-D-000002 | 8/25/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | MANGANESE     | 1.5                 | Y           | J-            | J-           |           | 1.5                 | mg/kg | 374    | mg/kg |
| RY125-NSS-D  | 09FC-RY125-NSS-D-000002 | 8/25/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 5.4    | mg/kg |
| RY125-NSS-D  | 09FC-RY125-NSS-D-000002 | 8/25/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 887    | mg/kg |
| RY125-NSS-D  | 09FC-RY125-NSS-D-000002 | 8/25/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | SILVER        | 1                   | Y           | J-            | J-           |           | 1                   | mg/kg | 6.1    | mg/kg |
| RY125-NSS-D  | 09FC-RY125-NSS-D-000002 | 8/25/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 171    | mg/kg |
| RY125-NSS-D  | 09FC-RY125-NSS-D-000002 | 8/25/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.5    | mg/kg |
| RY125-NSS-D  | 09FC-RY125-NSS-D-000002 | 8/25/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | ANTIMONY      | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 58.8   | mg/kg |
| RY125-NSS-D  | 09FC-RY125-NSS-D-000002 | 8/25/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 127    | mg/kg |
| RY125-NSS-D  | 09FC-RY125-NSS-D-000002 | 8/25/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 59.4   | mg/kg |
| RY125-NSS-D  | 09FC-RY125-NSS-D-000002 | 8/25/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.02   | mg/kg |
| RY125-NSS-D  | 09FC-RY125-NSS-D-000002 | 8/25/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | CADMIUM       | 0.5                 | Y           | J             | J            |           | 0.5                 | mg/kg | 3      | mg/kg |
| RY125-NSS-D  | 09FC-RY125-NSS-D-000002 | 8/25/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 5.2    | mg/kg |
| RY125-NSS-D  | 09FC-RY125-NSS-D-000002 | 8/25/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | COBALT        | 5                   | Y           | U             | U            | J         | 5                   | mg/kg | 5      | mg/kg |
| RY125-NSS-D  | 09FC-RY125-NSS-D-000002 | 8/25/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 12.9   | mg/kg |
| RY125-NSS-D  | 09FC-RY125-NSS-D-000002 | 8/25/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 5.3    | mg/kg |
| RY125-NSS-D  | 09FC-RY125-NSS-D-000002 | 8/25/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | ZINC          | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 540    | mg/kg |
| RY125-NSS-D  | 09FC-RY125-NSS-D-000002 | 8/25/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 11000  | mg/kg |
| RY125-NSS-D  | 09FC-RY125-NSS-D-000002 | 8/25/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.5    | mg/kg |
| RY130-NSS-B  | 09FC-RY130-NSS-B-000002 | 8/25/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 6770   | mg/kg |
| RY130-NSS-B  | 09FC-RY130-NSS-B-000002 | 8/25/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 9140   | mg/kg |
| RY130-NSS-B  | 09FC-RY130-NSS-B-000002 | 8/25/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 1410   | mg/kg |
| RY130-NSS-B  | 09FC-RY130-NSS-B-000002 | 8/25/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | MAGNESIUM     | 500                 | Y           | J-            | J-           |           | 500                 | mg/kg | 2150   | mg/kg |
| RY130-NSS-B  | 09FC-RY130-NSS-B-000002 | 8/25/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | MANGANESE     | 1.5                 | Y           | J-            | J-           |           | 1.5                 | mg/kg | 194    | mg/kg |
| RY130-NSS-B  | 09FC-RY130-NSS-B-000002 | 8/25/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | NICKEL        | 4                   | Y           | J             |              | J         | 4                   | mg/kg | 4.3    | mg/kg |
| RY130-NSS-B  | 09FC-RY130-NSS-B-000002 | 8/25/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 983    | mg/kg |
| RY130-NSS-B  | 09FC-RY130-NSS-B-000002 | 8/25/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | SILVER        | 1                   | Y           | J-            | J-           |           | 1                   | mg/kg | 7.6    | mg/kg |
| RY130-NSS-B  | 09FC-RY130-NSS-B-000002 | 8/25/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 70.5   | mg/kg |
| RY130-NSS-B  | 09FC-RY130-NSS-B-000002 | 8/25/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.9    | mg/kg |
| RY130-NSS-B  | 09FC-RY130-NSS-B-000002 | 8/25/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | ANTIMONY      | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 168    | mg/kg |
| RY130-NSS-B  | 09FC-RY130-NSS-B-000002 | 8/25/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 139    | mg/kg |
| RY130-NSS-B  | 09FC-RY130-NSS-B-000002 | 8/25/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 80.3   | mg/kg |
| RY130-NSS-B  | 09FC-RY130-NSS-B-000002 | 8/25/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | BERYLLIUM     | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.58   | mg/kg |
| RY130-NSS-B  | 09FC-RY130-NSS-B-000002 | 8/25/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | CADMIUM       | 0.5                 | Y           | J             | J            |           | 0.5                 | mg/kg | 2.8    | mg/kg |
| RY130-NSS-B  | 09FC-RY130-NSS-B-000002 | 8/25/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 5.3    | mg/kg |
| RY130-NSS-B  | 09FC-RY130-NSS-B-000002 | 8/25/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | COBALT        | 5                   | Y           | U             | U            | J         | 5                   | mg/kg | 5      | mg/kg |
| RY130-NSS-B  | 09FC-RY130-NSS-B-000002 | 8/25/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 21     | mg/kg |
| RY130-NSS-B  | 09FC-RY130-NSS-B-000002 | 8/25/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 9      | mg/kg |
| RY130-NSS-B  | 09FC-RY130-NSS-B-000002 | 8/25/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | ZINC          | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 613    | mg/kg |
| RY130-NSS-B  | 09FC-RY130-NSS-B-000002 | 8/25/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 1490   | mg/kg |
| RY130-NSS-B  | 09FC-RY130-NSS-B-000002 | 8/25/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 4.1    | mg/kg |
| RY136-NSB-B  | 09FC-RY136-NSB-B-002006 | 8/25/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 8250   | mg/kg |
| RY136-NSB-B  | 09FC-RY136-NSB-B-002006 | 8/25/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 11500  | mg/kg |
| RY136-NSB-B  | 09FC-RY136-NSB-B-002006 | 8/25/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 434    | mg/kg |
| RY136-NSB-B  | 09FC-RY136-NSB-B-002006 | 8/25/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | MAGNESIUM     | 500                 | Y           | J-            | J-           |           | 500                 | mg/kg | 3340   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY136-NSB-B  | 09FC-RY136-NSB-B-002006 | 8/25/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | MANGANESE     | 1.5                 | Y           | J-            | J-           |           | 1.5                 | mg/kg | 525    | mg/kg |
| RY136-NSB-B  | 09FC-RY136-NSB-B-002006 | 8/25/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 4.9    | mg/kg |
| RY136-NSB-B  | 09FC-RY136-NSB-B-002006 | 8/25/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 998    | mg/kg |
| RY136-NSB-B  | 09FC-RY136-NSB-B-002006 | 8/25/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | SILVER        | 1                   | Y           | J-            | J-           |           | 1                   | mg/kg | 2.9    | mg/kg |
| RY136-NSB-B  | 09FC-RY136-NSB-B-002006 | 8/25/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 53.6   | mg/kg |
| RY136-NSB-B  | 09FC-RY136-NSB-B-002006 | 8/25/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY136-NSB-B  | 09FC-RY136-NSB-B-002006 | 8/25/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | ANTIMONY      | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 11.9   | mg/kg |
| RY136-NSB-B  | 09FC-RY136-NSB-B-002006 | 8/25/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 91     | mg/kg |
| RY136-NSB-B  | 09FC-RY136-NSB-B-002006 | 8/25/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 99.9   | mg/kg |
| RY136-NSB-B  | 09FC-RY136-NSB-B-002006 | 8/25/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | BERYLLIUM     | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.51   | mg/kg |
| RY136-NSB-B  | 09FC-RY136-NSB-B-002006 | 8/25/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | CADMIUM       | 0.5                 | Y           | J             | J            |           | 0.5                 | mg/kg | 4.7    | mg/kg |
| RY136-NSB-B  | 09FC-RY136-NSB-B-002006 | 8/25/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 4.9    | mg/kg |
| RY136-NSB-B  | 09FC-RY136-NSB-B-002006 | 8/25/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | COBALT        | 5                   | Y           | U             | U            | J         | 5                   | mg/kg | 5      | mg/kg |
| RY136-NSB-B  | 09FC-RY136-NSB-B-002006 | 8/25/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 11.2   | mg/kg |
| RY136-NSB-B  | 09FC-RY136-NSB-B-002006 | 8/25/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 8.3    | mg/kg |
| RY136-NSB-B  | 09FC-RY136-NSB-B-002006 | 8/25/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | ZINC          | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 746    | mg/kg |
| RY136-NSB-B  | 09FC-RY136-NSB-B-002006 | 8/25/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 5940   | mg/kg |
| RY136-NSB-B  | 09FC-RY136-NSB-B-002006 | 8/25/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.6    | mg/kg |
| RY136-NSB-B  | 09FC-RY136-NSB-B-006012 | 8/25/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 8200   | mg/kg |
| RY136-NSB-B  | 09FC-RY136-NSB-B-006012 | 8/25/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 11100  | mg/kg |
| RY136-NSB-B  | 09FC-RY136-NSB-B-006012 | 8/25/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 608    | mg/kg |
| RY136-NSB-B  | 09FC-RY136-NSB-B-006012 | 8/25/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | MAGNESIUM     | 500                 | Y           | J-            | J-           |           | 500                 | mg/kg | 3200   | mg/kg |
| RY136-NSB-B  | 09FC-RY136-NSB-B-006012 | 8/25/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | MANGANESE     | 1.5                 | Y           | J-            | J-           |           | 1.5                 | mg/kg | 581    | mg/kg |
| RY136-NSB-B  | 09FC-RY136-NSB-B-006012 | 8/25/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 4.5    | mg/kg |
| RY136-NSB-B  | 09FC-RY136-NSB-B-006012 | 8/25/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 972    | mg/kg |
| RY136-NSB-B  | 09FC-RY136-NSB-B-006012 | 8/25/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | SILVER        | 1                   | Y           | J-            | J-           |           | 1                   | mg/kg | 3.2    | mg/kg |
| RY136-NSB-B  | 09FC-RY136-NSB-B-006012 | 8/25/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 64.4   | mg/kg |
| RY136-NSB-B  | 09FC-RY136-NSB-B-006012 | 8/25/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY136-NSB-B  | 09FC-RY136-NSB-B-006012 | 8/25/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | ANTIMONY      | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 32.3   | mg/kg |
| RY136-NSB-B  | 09FC-RY136-NSB-B-006012 | 8/25/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 70.4   | mg/kg |
| RY136-NSB-B  | 09FC-RY136-NSB-B-006012 | 8/25/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 108    | mg/kg |
| RY136-NSB-B  | 09FC-RY136-NSB-B-006012 | 8/25/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | BERYLLIUM     | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.51   | mg/kg |
| RY136-NSB-B  | 09FC-RY136-NSB-B-006012 | 8/25/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | CADMIUM       | 0.5                 | Y           | J             | J            |           | 0.5                 | mg/kg | 4.7    | mg/kg |
| RY136-NSB-B  | 09FC-RY136-NSB-B-006012 | 8/25/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 4      | mg/kg |
| RY136-NSB-B  | 09FC-RY136-NSB-B-006012 | 8/25/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | COBALT        | 5                   | Y           | U             | U            | J         | 5                   | mg/kg | 5      | mg/kg |
| RY136-NSB-B  | 09FC-RY136-NSB-B-006012 | 8/25/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 12.4   | mg/kg |
| RY136-NSB-B  | 09FC-RY136-NSB-B-006012 | 8/25/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 7.4    | mg/kg |
| RY136-NSB-B  | 09FC-RY136-NSB-B-006012 | 8/25/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | ZINC          | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 777    | mg/kg |
| RY136-NSB-B  | 09FC-RY136-NSB-B-006012 | 8/25/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 4700   | mg/kg |
| RY136-NSB-B  | 09FC-RY136-NSB-B-006012 | 8/25/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.6    | mg/kg |
| RY136-NSB-C  | 09FC-RY136-NSB-C-006012 | 8/25/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 9400   | mg/kg |
| RY136-NSB-C  | 09FC-RY136-NSB-C-006012 | 8/25/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 9160   | mg/kg |
| RY136-NSB-C  | 09FC-RY136-NSB-C-006012 | 8/25/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 80.8   | mg/kg |
| RY136-NSB-C  | 09FC-RY136-NSB-C-006012 | 8/25/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | MAGNESIUM     | 500                 | Y           | J-            | J-           |           | 500                 | mg/kg | 2830   | mg/kg |
| RY136-NSB-C  | 09FC-RY136-NSB-C-006012 | 8/25/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | MANGANESE     | 1.5                 | Y           | J-            | J-           |           | 1.5                 | mg/kg | 294    | mg/kg |
| RY136-NSB-C  | 09FC-RY136-NSB-C-006012 | 8/25/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 5.1    | mg/kg |
| RY136-NSB-C  | 09FC-RY136-NSB-C-006012 | 8/25/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1390   | mg/kg |
| RY136-NSB-C  | 09FC-RY136-NSB-C-006012 | 8/25/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | SILVER        | 1                   | Y           | J-            | J-           | J         | 1                   | mg/kg | 0.49   | mg/kg |

## Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY136-NSB-C  | 09FC-RY136-NSB-C-006012 | 8/25/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 57.6   | mg/kg |
| RY136-NSB-C  | 09FC-RY136-NSB-C-006012 | 8/25/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.7    | mg/kg |
| RY136-NSB-C  | 09FC-RY136-NSB-C-006012 | 8/25/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | ANTIMONY      | 6                   | Y           | J-            | J-           | J         | 6                   | mg/kg | 1      | mg/kg |
| RY136-NSB-C  | 09FC-RY136-NSB-C-006012 | 8/25/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 12.4   | mg/kg |
| RY136-NSB-C  | 09FC-RY136-NSB-C-006012 | 8/25/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | BARIIUM       | 20                  | Y           |               |              |           | 20                  | mg/kg | 118    | mg/kg |
| RY136-NSB-C  | 09FC-RY136-NSB-C-006012 | 8/25/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | BERYLLIUM     | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.54   | mg/kg |
| RY136-NSB-C  | 09FC-RY136-NSB-C-006012 | 8/25/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | CADMIUM       | 0.5                 | Y           | J             | J            |           | 0.5                 | mg/kg | 0.81   | mg/kg |
| RY136-NSB-C  | 09FC-RY136-NSB-C-006012 | 8/25/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 6.2    | mg/kg |
| RY136-NSB-C  | 09FC-RY136-NSB-C-006012 | 8/25/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | COBALT        | 5                   | Y           | U             | U            | J         | 5                   | mg/kg | 5      | mg/kg |
| RY136-NSB-C  | 09FC-RY136-NSB-C-006012 | 8/25/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 7.9    | mg/kg |
| RY136-NSB-C  | 09FC-RY136-NSB-C-006012 | 8/25/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 10.6   | mg/kg |
| RY136-NSB-C  | 09FC-RY136-NSB-C-006012 | 8/25/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | ZINC          | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 152    | mg/kg |
| RY136-NSB-C  | 09FC-RY136-NSB-C-006012 | 8/25/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 1560   | mg/kg |
| RY136-NSB-C  | 09FC-RY136-NSB-C-006012 | 8/25/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.8    | mg/kg |
| RY139-NSB-C  | 09FC-RY139-NSB-C-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 8120   | mg/kg |
| RY139-NSB-C  | 09FC-RY139-NSB-C-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 11300  | mg/kg |
| RY139-NSB-C  | 09FC-RY139-NSB-C-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 266    | mg/kg |
| RY139-NSB-C  | 09FC-RY139-NSB-C-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | MAGNESIUM     | 500                 | Y           | J-            | J-           |           | 500                 | mg/kg | 3170   | mg/kg |
| RY139-NSB-C  | 09FC-RY139-NSB-C-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | MANGANESE     | 1.5                 | Y           | J-            | J-           |           | 1.5                 | mg/kg | 353    | mg/kg |
| RY139-NSB-C  | 09FC-RY139-NSB-C-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6      | mg/kg |
| RY139-NSB-C  | 09FC-RY139-NSB-C-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1590   | mg/kg |
| RY139-NSB-C  | 09FC-RY139-NSB-C-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | SILVER        | 1                   | Y           | J-            | J-           |           | 1                   | mg/kg | 1.7    | mg/kg |
| RY139-NSB-C  | 09FC-RY139-NSB-C-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 309    | mg/kg |
| RY139-NSB-C  | 09FC-RY139-NSB-C-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY139-NSB-C  | 09FC-RY139-NSB-C-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | ANTIMONY      | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 7.2    | mg/kg |
| RY139-NSB-C  | 09FC-RY139-NSB-C-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 31.5   | mg/kg |
| RY139-NSB-C  | 09FC-RY139-NSB-C-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | BARIIUM       | 20                  | Y           |               |              |           | 20                  | mg/kg | 191    | mg/kg |
| RY139-NSB-C  | 09FC-RY139-NSB-C-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | BERYLLIUM     | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.52   | mg/kg |
| RY139-NSB-C  | 09FC-RY139-NSB-C-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | CADMIUM       | 0.5                 | Y           | J             | J            |           | 0.5                 | mg/kg | 3.1    | mg/kg |
| RY139-NSB-C  | 09FC-RY139-NSB-C-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 6.1    | mg/kg |
| RY139-NSB-C  | 09FC-RY139-NSB-C-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | COBALT        | 5                   | Y           | U             | U            | J         | 5                   | mg/kg | 5      | mg/kg |
| RY139-NSB-C  | 09FC-RY139-NSB-C-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 11.3   | mg/kg |
| RY139-NSB-C  | 09FC-RY139-NSB-C-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 11.7   | mg/kg |
| RY139-NSB-C  | 09FC-RY139-NSB-C-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | ZINC          | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 490    | mg/kg |
| RY139-NSB-C  | 09FC-RY139-NSB-C-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 3100   | mg/kg |
| RY139-NSB-C  | 09FC-RY139-NSB-C-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.6    | mg/kg |
| RY140-NSB-B  | 09FC-RY140-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 6450   | mg/kg |
| RY140-NSB-B  | 09FC-RY140-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 19600  | mg/kg |
| RY140-NSB-B  | 09FC-RY140-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 2880   | mg/kg |
| RY140-NSB-B  | 09FC-RY140-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | MAGNESIUM     | 500                 | Y           | J-            | J-           |           | 500                 | mg/kg | 2650   | mg/kg |
| RY140-NSB-B  | 09FC-RY140-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | MANGANESE     | 1.5                 | Y           | J-            | J-           |           | 1.5                 | mg/kg | 904    | mg/kg |
| RY140-NSB-B  | 09FC-RY140-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | NICKEL        | 4                   | Y           | J             |              | J         | 4                   | mg/kg | 4.1    | mg/kg |
| RY140-NSB-B  | 09FC-RY140-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1480   | mg/kg |
| RY140-NSB-B  | 09FC-RY140-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | SILVER        | 1                   | Y           | J-            | J-           |           | 1                   | mg/kg | 23.6   | mg/kg |
| RY140-NSB-B  | 09FC-RY140-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 75.7   | mg/kg |
| RY140-NSB-B  | 09FC-RY140-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY140-NSB-B  | 09FC-RY140-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | ANTIMONY      | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 162    | mg/kg |
| RY140-NSB-B  | 09FC-RY140-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 815    | mg/kg |



## Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY140-NSB-B  | 09FC-RY140-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 116    | mg/kg |
| RY140-NSB-B  | 09FC-RY140-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | BERYLLIUM     | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.52   | mg/kg |
| RY140-NSB-B  | 09FC-RY140-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | CADMIUM       | 0.5                 | Y           | J             | J            |           | 0.5                 | mg/kg | 5.4    | mg/kg |
| RY140-NSB-B  | 09FC-RY140-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 3.9    | mg/kg |
| RY140-NSB-B  | 09FC-RY140-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | COBALT        | 5                   | Y           | U             | U            | J         | 5                   | mg/kg | 5      | mg/kg |
| RY140-NSB-B  | 09FC-RY140-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 20.8   | mg/kg |
| RY140-NSB-B  | 09FC-RY140-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 7.3    | mg/kg |
| RY140-NSB-B  | 09FC-RY140-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | ZINC          | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 811    | mg/kg |
| RY140-NSB-B  | 09FC-RY140-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 2650   | mg/kg |
| RY140-NSB-B  | 09FC-RY140-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.7    | mg/kg |
| RY140-NSB-B  | 09FC-RY140-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 5290   | mg/kg |
| RY140-NSB-B  | 09FC-RY140-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 45000  | mg/kg |
| RY140-NSB-B  | 09FC-RY140-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 2080   | mg/kg |
| RY140-NSB-B  | 09FC-RY140-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | MAGNESIUM     | 500                 | Y           | J-            | J-           |           | 500                 | mg/kg | 2930   | mg/kg |
| RY140-NSB-B  | 09FC-RY140-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | NICKEL        | 4                   | Y           | U             | U            | J         | 4                   | mg/kg | 4      | mg/kg |
| RY140-NSB-B  | 09FC-RY140-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1200   | mg/kg |
| RY140-NSB-B  | 09FC-RY140-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | SILVER        | 1                   | Y           | J-            | J-           |           | 1                   | mg/kg | 15     | mg/kg |
| RY140-NSB-B  | 09FC-RY140-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 56.4   | mg/kg |
| RY140-NSB-B  | 09FC-RY140-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY140-NSB-B  | 09FC-RY140-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | ANTIMONY      | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 134    | mg/kg |
| RY140-NSB-B  | 09FC-RY140-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 354    | mg/kg |
| RY140-NSB-B  | 09FC-RY140-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 91.4   | mg/kg |
| RY140-NSB-B  | 09FC-RY140-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | BERYLLIUM     | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.52   | mg/kg |
| RY140-NSB-B  | 09FC-RY140-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | CADMIUM       | 0.5                 | Y           | J             | J            |           | 0.5                 | mg/kg | 7.8    | mg/kg |
| RY140-NSB-B  | 09FC-RY140-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 1.1    | mg/kg |
| RY140-NSB-B  | 09FC-RY140-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | COBALT        | 5                   | Y           | U             | U            | J         | 5                   | mg/kg | 5      | mg/kg |
| RY140-NSB-B  | 09FC-RY140-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 18     | mg/kg |
| RY140-NSB-B  | 09FC-RY140-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | VANADIUM      | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 5      | mg/kg |
| RY140-NSB-B  | 09FC-RY140-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | ZINC          | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 1650   | mg/kg |
| RY140-NSB-B  | 09FC-RY140-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 1700   | mg/kg |
| RY140-NSB-B  | 09FC-RY140-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.6    | mg/kg |
| RY140-NSB-B  | 09FC-RY140-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | MANGANESE     | 1.5                 | Y           | J-            | J-           |           | 1.5                 | mg/kg | 3250   | mg/kg |
| RY140-NSB-C  | 09FC-RY140-NSB-C-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 5240   | mg/kg |
| RY140-NSB-C  | 09FC-RY140-NSB-C-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 27200  | mg/kg |
| RY140-NSB-C  | 09FC-RY140-NSB-C-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 3550   | mg/kg |
| RY140-NSB-C  | 09FC-RY140-NSB-C-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | MAGNESIUM     | 500                 | Y           | J-            | J-           |           | 500                 | mg/kg | 2180   | mg/kg |
| RY140-NSB-C  | 09FC-RY140-NSB-C-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | MANGANESE     | 1.5                 | Y           | J-            | J-           |           | 1.5                 | mg/kg | 988    | mg/kg |
| RY140-NSB-C  | 09FC-RY140-NSB-C-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | NICKEL        | 4                   | Y           | U             | U            | J         | 4                   | mg/kg | 4      | mg/kg |
| RY140-NSB-C  | 09FC-RY140-NSB-C-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1070   | mg/kg |
| RY140-NSB-C  | 09FC-RY140-NSB-C-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | SILVER        | 1                   | Y           | J-            | J-           |           | 1                   | mg/kg | 24.4   | mg/kg |
| RY140-NSB-C  | 09FC-RY140-NSB-C-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 46.2   | mg/kg |
| RY140-NSB-C  | 09FC-RY140-NSB-C-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY140-NSB-C  | 09FC-RY140-NSB-C-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | ANTIMONY      | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 338    | mg/kg |
| RY140-NSB-C  | 09FC-RY140-NSB-C-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 613    | mg/kg |
| RY140-NSB-C  | 09FC-RY140-NSB-C-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 73.5   | mg/kg |
| RY140-NSB-C  | 09FC-RY140-NSB-C-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | BERYLLIUM     | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.52   | mg/kg |
| RY140-NSB-C  | 09FC-RY140-NSB-C-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | CADMIUM       | 0.5                 | Y           | J             | J            |           | 0.5                 | mg/kg | 7.6    | mg/kg |
| RY140-NSB-C  | 09FC-RY140-NSB-C-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 2.3    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY140-NSB-C  | 09FC-RY140-NSB-C-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | COBALT        | 5                   | Y           | U             | U            | J         | 5                   | mg/kg | 5      | mg/kg |
| RY140-NSB-C  | 09FC-RY140-NSB-C-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 29.3   | mg/kg |
| RY140-NSB-C  | 09FC-RY140-NSB-C-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 5.6    | mg/kg |
| RY140-NSB-C  | 09FC-RY140-NSB-C-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | ZINC          | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 1370   | mg/kg |
| RY140-NSB-C  | 09FC-RY140-NSB-C-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 2000   | mg/kg |
| RY140-NSB-C  | 09FC-RY140-NSB-C-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.6    | mg/kg |
| RY144-NSB-B  | 09FC-RY144-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 8020   | mg/kg |
| RY144-NSB-B  | 09FC-RY144-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 9710   | mg/kg |
| RY144-NSB-B  | 09FC-RY144-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 198    | mg/kg |
| RY144-NSB-B  | 09FC-RY144-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | MAGNESIUM     | 500                 | Y           | J-            | J-           |           | 500                 | mg/kg | 3260   | mg/kg |
| RY144-NSB-B  | 09FC-RY144-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | MANGANESE     | 1.5                 | Y           | J-            | J-           |           | 1.5                 | mg/kg | 327    | mg/kg |
| RY144-NSB-B  | 09FC-RY144-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 5.9    | mg/kg |
| RY144-NSB-B  | 09FC-RY144-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1330   | mg/kg |
| RY144-NSB-B  | 09FC-RY144-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | SILVER        | 1                   | Y           | J-            | J-           |           | 1                   | mg/kg | 1.6    | mg/kg |
| RY144-NSB-B  | 09FC-RY144-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 127    | mg/kg |
| RY144-NSB-B  | 09FC-RY144-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.8    | mg/kg |
| RY144-NSB-B  | 09FC-RY144-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | ANTIMONY      | 6                   | Y           | J-            | J-           | J         | 6                   | mg/kg | 3.2    | mg/kg |
| RY144-NSB-B  | 09FC-RY144-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 16.3   | mg/kg |
| RY144-NSB-B  | 09FC-RY144-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 127    | mg/kg |
| RY144-NSB-B  | 09FC-RY144-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | BERYLLIUM     | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.56   | mg/kg |
| RY144-NSB-B  | 09FC-RY144-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | CADMIUM       | 0.5                 | Y           | J             | J            |           | 0.5                 | mg/kg | 1.1    | mg/kg |
| RY144-NSB-B  | 09FC-RY144-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 5.5    | mg/kg |
| RY144-NSB-B  | 09FC-RY144-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | COBALT        | 5                   | Y           | U             | U            | J         | 5                   | mg/kg | 5      | mg/kg |
| RY144-NSB-B  | 09FC-RY144-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 32.6   | mg/kg |
| RY144-NSB-B  | 09FC-RY144-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 8.2    | mg/kg |
| RY144-NSB-B  | 09FC-RY144-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | ZINC          | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 211    | mg/kg |
| RY144-NSB-B  | 09FC-RY144-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 4500   | mg/kg |
| RY144-NSB-B  | 09FC-RY144-NSB-B-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.9    | mg/kg |
| RY144-NSB-B  | 09FC-RY144-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 8600   | mg/kg |
| RY144-NSB-B  | 09FC-RY144-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 15800  | mg/kg |
| RY144-NSB-B  | 09FC-RY144-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 250    | mg/kg |
| RY144-NSB-B  | 09FC-RY144-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | MAGNESIUM     | 500                 | Y           | J-            | J-           |           | 500                 | mg/kg | 3800   | mg/kg |
| RY144-NSB-B  | 09FC-RY144-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | MANGANESE     | 1.5                 | Y           | J-            | J-           |           | 1.5                 | mg/kg | 435    | mg/kg |
| RY144-NSB-B  | 09FC-RY144-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 7.5    | mg/kg |
| RY144-NSB-B  | 09FC-RY144-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1330   | mg/kg |
| RY144-NSB-B  | 09FC-RY144-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | SILVER        | 1                   | Y           | J-            | J-           |           | 1                   | mg/kg | 2.1    | mg/kg |
| RY144-NSB-B  | 09FC-RY144-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 162    | mg/kg |
| RY144-NSB-B  | 09FC-RY144-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.8    | mg/kg |
| RY144-NSB-B  | 09FC-RY144-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | ANTIMONY      | 6                   | Y           | J-            | J-           | J         | 6                   | mg/kg | 4.1    | mg/kg |
| RY144-NSB-B  | 09FC-RY144-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 23.7   | mg/kg |
| RY144-NSB-B  | 09FC-RY144-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 155    | mg/kg |
| RY144-NSB-B  | 09FC-RY144-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | BERYLLIUM     | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.56   | mg/kg |
| RY144-NSB-B  | 09FC-RY144-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | CADMIUM       | 0.5                 | Y           | J             | J            |           | 0.5                 | mg/kg | 1.6    | mg/kg |
| RY144-NSB-B  | 09FC-RY144-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 7.9    | mg/kg |
| RY144-NSB-B  | 09FC-RY144-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | COBALT        | 5                   | Y           | U             | U            | J         | 5                   | mg/kg | 5      | mg/kg |
| RY144-NSB-B  | 09FC-RY144-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 34.1   | mg/kg |
| RY144-NSB-B  | 09FC-RY144-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 9.4    | mg/kg |
| RY144-NSB-B  | 09FC-RY144-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | ZINC          | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 279    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY144-NSB-B  | 09FC-RY144-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 5950   | mg/kg |
| RY144-NSB-B  | 09FC-RY144-NSB-B-006012 | 8/26/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.9    | mg/kg |
| RY144-NSB-D  | 09FC-RY144-NSB-D-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 5430   | mg/kg |
| RY144-NSB-D  | 09FC-RY144-NSB-D-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | IRON          | 10                  | Y           | R             | R            |           | 10                  | mg/kg | 11000  | mg/kg |
| RY144-NSB-D  | 09FC-RY144-NSB-D-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 308    | mg/kg |
| RY144-NSB-D  | 09FC-RY144-NSB-D-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | MAGNESIUM     | 500                 | Y           | J-            | J-           |           | 500                 | mg/kg | 4870   | mg/kg |
| RY144-NSB-D  | 09FC-RY144-NSB-D-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | MANGANESE     | 1.5                 | Y           | J-            | J-           |           | 1.5                 | mg/kg | 346    | mg/kg |
| RY144-NSB-D  | 09FC-RY144-NSB-D-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 7.1    | mg/kg |
| RY144-NSB-D  | 09FC-RY144-NSB-D-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1320   | mg/kg |
| RY144-NSB-D  | 09FC-RY144-NSB-D-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | SILVER        | 1                   | Y           | J-            | J-           |           | 1                   | mg/kg | 2.2    | mg/kg |
| RY144-NSB-D  | 09FC-RY144-NSB-D-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 90.5   | mg/kg |
| RY144-NSB-D  | 09FC-RY144-NSB-D-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY144-NSB-D  | 09FC-RY144-NSB-D-002006 | 8/26/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | ANTIMONY      | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 13.3   | mg/kg |
| RY148-NSS-B  | 09FC-RY148-NSS-B-000002 | 8/26/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | BARIUM        | 20                  | Y           | J-            | J-           |           | 20                  | mg/kg | 67.5   | mg/kg |
| RY148-NSS-B  | 09FC-RY148-NSS-B-000002 | 8/26/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | BERYLLIUM     | 0.5                 | N           | UJ            | UJ           | U         | 0.5                 | mg/kg | 0.58   | mg/kg |
| RY148-NSS-B  | 09FC-RY148-NSS-B-000002 | 8/26/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | CADMIUM       | 0.5                 | Y           | J-            | J-           |           | 0.5                 | mg/kg | 4.6    | mg/kg |
| RY148-NSS-B  | 09FC-RY148-NSS-B-000002 | 8/26/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 1.4    | mg/kg |
| RY148-NSS-B  | 09FC-RY148-NSS-B-000002 | 8/26/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 3.2    | mg/kg |
| RY148-NSS-B  | 09FC-RY148-NSS-B-000002 | 8/26/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 27     | mg/kg |
| RY148-NSS-B  | 09FC-RY148-NSS-B-000002 | 8/26/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | VANADIUM      | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4      | mg/kg |
| RY148-NSS-B  | 09FC-RY148-NSS-B-000002 | 8/26/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 1280   | mg/kg |
| RY148-NSS-B  | 09FC-RY148-NSS-B-000002 | 8/26/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 1900   | mg/kg |
| RY148-NSS-B  | 09FC-RY148-NSS-B-000002 | 8/26/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | SELENIUM      | 3.5                 | N           | UJ            | UJ           | U         | 3.5                 | mg/kg | 4.1    | mg/kg |
| RY148-NSS-B  | 09FC-RY148-NSS-B-000002 | 8/26/2009   | N           | 0           | 2         | in         | C200.7          | 11/30/2009    | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 1710   | mg/kg |
| RY157-DSB-A  | 09FC-RY157-DSB-A-002006 | 8/27/2009   | FD          | 2           | 6         | in         | C200.7          | 12/8/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 11400  | mg/kg |
| RY157-DSB-A  | 09FC-RY157-DSB-A-002006 | 8/27/2009   | FD          | 2           | 6         | in         | C200.7          | 12/8/2009     | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 10900  | mg/kg |
| RY157-DSB-A  | 09FC-RY157-DSB-A-002006 | 8/27/2009   | FD          | 2           | 6         | in         | C200.7          | 12/8/2009     | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 13.3   | mg/kg |
| RY157-DSB-A  | 09FC-RY157-DSB-A-002006 | 8/27/2009   | FD          | 2           | 6         | in         | C200.7          | 12/8/2009     | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 2960   | mg/kg |
| RY157-DSB-A  | 09FC-RY157-DSB-A-002006 | 8/27/2009   | FD          | 2           | 6         | in         | C200.7          | 12/8/2009     | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 470    | mg/kg |
| RY157-DSB-A  | 09FC-RY157-DSB-A-002006 | 8/27/2009   | FD          | 2           | 6         | in         | C200.7          | 12/8/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.6    | mg/kg |
| RY157-DSB-A  | 09FC-RY157-DSB-A-002006 | 8/27/2009   | FD          | 2           | 6         | in         | C200.7          | 12/8/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 885    | mg/kg |
| RY157-DSB-A  | 09FC-RY157-DSB-A-002006 | 8/27/2009   | FD          | 2           | 6         | in         | C200.7          | 12/8/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 1.1    | mg/kg |
| RY157-DSB-A  | 09FC-RY157-DSB-A-002006 | 8/27/2009   | FD          | 2           | 6         | in         | C200.7          | 12/8/2009     | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY157-DSB-A  | 09FC-RY157-DSB-A-002006 | 8/27/2009   | FD          | 2           | 6         | in         | C200.7          | 12/8/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.9    | mg/kg |
| RY157-DSB-A  | 09FC-RY157-DSB-A-002006 | 8/27/2009   | FD          | 2           | 6         | in         | C200.7          | 12/8/2009     | ANTIMONY      | 6                   | Y           | J             |              | J         | 6                   | mg/kg | 0.98   | mg/kg |
| RY157-DSB-A  | 09FC-RY157-DSB-A-002006 | 8/27/2009   | FD          | 2           | 6         | in         | C200.7          | 12/8/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 4.2    | mg/kg |
| RY157-DSB-A  | 09FC-RY157-DSB-A-002006 | 8/27/2009   | FD          | 2           | 6         | in         | C200.7          | 12/8/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 212    | mg/kg |
| RY157-DSB-A  | 09FC-RY157-DSB-A-002006 | 8/27/2009   | FD          | 2           | 6         | in         | C200.7          | 12/8/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.51   | mg/kg |
| RY157-DSB-A  | 09FC-RY157-DSB-A-002006 | 8/27/2009   | FD          | 2           | 6         | in         | C200.7          | 12/8/2009     | CADMIUM       | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.57   | mg/kg |
| RY157-DSB-A  | 09FC-RY157-DSB-A-002006 | 8/27/2009   | FD          | 2           | 6         | in         | C200.7          | 12/8/2009     | CHROMIUM      | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 6.7    | mg/kg |
| RY157-DSB-A  | 09FC-RY157-DSB-A-002006 | 8/27/2009   | FD          | 2           | 6         | in         | C200.7          | 12/8/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 5.3    | mg/kg |
| RY157-DSB-A  | 09FC-RY157-DSB-A-002006 | 8/27/2009   | FD          | 2           | 6         | in         | C200.7          | 12/8/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 13.5   | mg/kg |
| RY157-DSB-A  | 09FC-RY157-DSB-A-002006 | 8/27/2009   | FD          | 2           | 6         | in         | C200.7          | 12/8/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 14.2   | mg/kg |
| RY157-DSB-A  | 09FC-RY157-DSB-A-002006 | 8/27/2009   | FD          | 2           | 6         | in         | C200.7          | 12/8/2009     | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 47.5   | mg/kg |
| RY157-DSB-A  | 09FC-RY157-DSB-A-002006 | 8/27/2009   | FD          | 2           | 6         | in         | C200.7          | 12/8/2009     | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 4080   | mg/kg |
| RY157-DSB-A  | 09FC-RY157-DSB-A-002006 | 8/27/2009   | FD          | 2           | 6         | in         | C200.7          | 12/8/2009     | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 1      | mg/kg |
| RY157-NSB-A  | 09FC-RY157-NSB-A-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 14600  | mg/kg |
| RY157-NSB-A  | 09FC-RY157-NSB-A-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 13100  | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY157-NSB-A  | 09FC-RY157-NSB-A-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 12.9   | mg/kg |
| RY157-NSB-A  | 09FC-RY157-NSB-A-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 4150   | mg/kg |
| RY157-NSB-A  | 09FC-RY157-NSB-A-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 464    | mg/kg |
| RY157-NSB-A  | 09FC-RY157-NSB-A-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 9      | mg/kg |
| RY157-NSB-A  | 09FC-RY157-NSB-A-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | POTASSIUM     | 500                 | Y           | J-            | J-           |           | 500                 | mg/kg | 963    | mg/kg |
| RY157-NSB-A  | 09FC-RY157-NSB-A-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 0.76   | mg/kg |
| RY157-NSB-A  | 09FC-RY157-NSB-A-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY157-NSB-A  | 09FC-RY157-NSB-A-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 1.9    | mg/kg |
| RY157-NSB-A  | 09FC-RY157-NSB-A-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | ANTIMONY      | 6                   | Y           | J             | J            | J         | 6                   | mg/kg | 0.98   | mg/kg |
| RY157-NSB-A  | 09FC-RY157-NSB-A-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 3.6    | mg/kg |
| RY157-NSB-A  | 09FC-RY157-NSB-A-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 198    | mg/kg |
| RY157-NSB-A  | 09FC-RY157-NSB-A-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | BERYLLIUM     | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 0.57   | mg/kg |
| RY157-NSB-A  | 09FC-RY157-NSB-A-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | CADMIUM       | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.38   | mg/kg |
| RY157-NSB-A  | 09FC-RY157-NSB-A-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | CHROMIUM      | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 17.2   | mg/kg |
| RY157-NSB-A  | 09FC-RY157-NSB-A-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 6.7    | mg/kg |
| RY157-NSB-A  | 09FC-RY157-NSB-A-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | COPPER        | 2.5                 | Y           | J             | J            |           | 2.5                 | mg/kg | 11     | mg/kg |
| RY157-NSB-A  | 09FC-RY157-NSB-A-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 16.2   | mg/kg |
| RY157-NSB-A  | 09FC-RY157-NSB-A-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 49.7   | mg/kg |
| RY157-NSB-A  | 09FC-RY157-NSB-A-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 3710   | mg/kg |
| RY157-NSB-A  | 09FC-RY157-NSB-A-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.61   | mg/kg |
| RY157-NSB-B  | 09FC-RY157-NSB-B-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 10700  | mg/kg |
| RY157-NSB-B  | 09FC-RY157-NSB-B-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 11400  | mg/kg |
| RY157-NSB-B  | 09FC-RY157-NSB-B-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 9.9    | mg/kg |
| RY157-NSB-B  | 09FC-RY157-NSB-B-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 2740   | mg/kg |
| RY157-NSB-B  | 09FC-RY157-NSB-B-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 340    | mg/kg |
| RY157-NSB-B  | 09FC-RY157-NSB-B-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.8    | mg/kg |
| RY157-NSB-B  | 09FC-RY157-NSB-B-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | POTASSIUM     | 500                 | Y           | J-            | J-           |           | 500                 | mg/kg | 965    | mg/kg |
| RY157-NSB-B  | 09FC-RY157-NSB-B-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 0.8    | mg/kg |
| RY157-NSB-B  | 09FC-RY157-NSB-B-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY157-NSB-B  | 09FC-RY157-NSB-B-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2      | mg/kg |
| RY157-NSB-B  | 09FC-RY157-NSB-B-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | ANTIMONY      | 6                   | Y           | J             | J            | J         | 6                   | mg/kg | 0.84   | mg/kg |
| RY157-NSB-B  | 09FC-RY157-NSB-B-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 2.8    | mg/kg |
| RY157-NSB-B  | 09FC-RY157-NSB-B-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 128    | mg/kg |
| RY157-NSB-B  | 09FC-RY157-NSB-B-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | BERYLLIUM     | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 0.43   | mg/kg |
| RY157-NSB-B  | 09FC-RY157-NSB-B-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | CADMIUM       | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.4    | mg/kg |
| RY157-NSB-B  | 09FC-RY157-NSB-B-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 6.9    | mg/kg |
| RY157-NSB-B  | 09FC-RY157-NSB-B-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 5.3    | mg/kg |
| RY157-NSB-B  | 09FC-RY157-NSB-B-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | COPPER        | 2.5                 | Y           | J             | J            |           | 2.5                 | mg/kg | 8.7    | mg/kg |
| RY157-NSB-B  | 09FC-RY157-NSB-B-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 15.9   | mg/kg |
| RY157-NSB-B  | 09FC-RY157-NSB-B-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 39.4   | mg/kg |
| RY157-NSB-B  | 09FC-RY157-NSB-B-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 1940   | mg/kg |
| RY157-NSB-B  | 09FC-RY157-NSB-B-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.68   | mg/kg |
| RY157-NSB-B  | 09FC-RY157-NSB-B-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 9450   | mg/kg |
| RY157-NSB-B  | 09FC-RY157-NSB-B-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 10900  | mg/kg |
| RY157-NSB-B  | 09FC-RY157-NSB-B-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 10.6   | mg/kg |
| RY157-NSB-B  | 09FC-RY157-NSB-B-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3010   | mg/kg |
| RY157-NSB-B  | 09FC-RY157-NSB-B-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 289    | mg/kg |
| RY157-NSB-B  | 09FC-RY157-NSB-B-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.7    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY157-NSB-B  | 09FC-RY157-NSB-B-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | POTASSIUM     | 500                 | Y           | J-            | J-           |           | 500                 | mg/kg | 880    | mg/kg |
| RY157-NSB-B  | 09FC-RY157-NSB-B-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 0.75   | mg/kg |
| RY157-NSB-B  | 09FC-RY157-NSB-B-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY157-NSB-B  | 09FC-RY157-NSB-B-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 1.9    | mg/kg |
| RY157-NSB-B  | 09FC-RY157-NSB-B-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | ANTIMONY      | 6                   | Y           | J             | J            | J         | 6                   | mg/kg | 0.76   | mg/kg |
| RY157-NSB-B  | 09FC-RY157-NSB-B-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 3.2    | mg/kg |
| RY157-NSB-B  | 09FC-RY157-NSB-B-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 114    | mg/kg |
| RY157-NSB-B  | 09FC-RY157-NSB-B-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.36   | mg/kg |
| RY157-NSB-B  | 09FC-RY157-NSB-B-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | CADMIUM       | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.37   | mg/kg |
| RY157-NSB-B  | 09FC-RY157-NSB-B-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 6.7    | mg/kg |
| RY157-NSB-B  | 09FC-RY157-NSB-B-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 5.3    | mg/kg |
| RY157-NSB-B  | 09FC-RY157-NSB-B-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | COPPER        | 2.5                 | Y           | J             | J            |           | 2.5                 | mg/kg | 8      | mg/kg |
| RY157-NSB-B  | 09FC-RY157-NSB-B-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 14.1   | mg/kg |
| RY157-NSB-B  | 09FC-RY157-NSB-B-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 37.2   | mg/kg |
| RY157-NSB-B  | 09FC-RY157-NSB-B-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 1740   | mg/kg |
| RY157-NSB-B  | 09FC-RY157-NSB-B-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.74   | mg/kg |
| RY157-NSB-C  | 09FC-RY157-NSB-C-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 9660   | mg/kg |
| RY157-NSB-C  | 09FC-RY157-NSB-C-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 11200  | mg/kg |
| RY157-NSB-C  | 09FC-RY157-NSB-C-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 10.2   | mg/kg |
| RY157-NSB-C  | 09FC-RY157-NSB-C-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3100   | mg/kg |
| RY157-NSB-C  | 09FC-RY157-NSB-C-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 381    | mg/kg |
| RY157-NSB-C  | 09FC-RY157-NSB-C-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 7.5    | mg/kg |
| RY157-NSB-C  | 09FC-RY157-NSB-C-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1240   | mg/kg |
| RY157-NSB-C  | 09FC-RY157-NSB-C-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 0.91   | mg/kg |
| RY157-NSB-C  | 09FC-RY157-NSB-C-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY157-NSB-C  | 09FC-RY157-NSB-C-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.3    | mg/kg |
| RY157-NSB-C  | 09FC-RY157-NSB-C-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | ANTIMONY      | 6                   | Y           | J             | J            | J         | 6                   | mg/kg | 1.1    | mg/kg |
| RY157-NSB-C  | 09FC-RY157-NSB-C-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 2.8    | mg/kg |
| RY157-NSB-C  | 09FC-RY157-NSB-C-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 124    | mg/kg |
| RY157-NSB-C  | 09FC-RY157-NSB-C-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.38   | mg/kg |
| RY157-NSB-C  | 09FC-RY157-NSB-C-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | CADMIUM       | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.46   | mg/kg |
| RY157-NSB-C  | 09FC-RY157-NSB-C-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 7.9    | mg/kg |
| RY157-NSB-C  | 09FC-RY157-NSB-C-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 4.8    | mg/kg |
| RY157-NSB-C  | 09FC-RY157-NSB-C-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | COPPER        | 2.5                 | Y           | J             | J            |           | 2.5                 | mg/kg | 8.4    | mg/kg |
| RY157-NSB-C  | 09FC-RY157-NSB-C-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 15     | mg/kg |
| RY157-NSB-C  | 09FC-RY157-NSB-C-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 44.1   | mg/kg |
| RY157-NSB-C  | 09FC-RY157-NSB-C-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 2490   | mg/kg |
| RY157-NSB-C  | 09FC-RY157-NSB-C-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.78   | mg/kg |
| RY157-NSB-C  | 09FC-RY157-NSB-C-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 9300   | mg/kg |
| RY157-NSB-C  | 09FC-RY157-NSB-C-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 11400  | mg/kg |
| RY157-NSB-C  | 09FC-RY157-NSB-C-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 15.8   | mg/kg |
| RY157-NSB-C  | 09FC-RY157-NSB-C-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2990   | mg/kg |
| RY157-NSB-C  | 09FC-RY157-NSB-C-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 298    | mg/kg |
| RY157-NSB-C  | 09FC-RY157-NSB-C-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 7.3    | mg/kg |
| RY157-NSB-C  | 09FC-RY157-NSB-C-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1490   | mg/kg |
| RY157-NSB-C  | 09FC-RY157-NSB-C-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 0.79   | mg/kg |
| RY157-NSB-C  | 09FC-RY157-NSB-C-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY157-NSB-C  | 09FC-RY157-NSB-C-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2      | mg/kg |

## Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY157-NSB-C  | 09FC-RY157-NSB-C-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | ANTIMONY      | 6                   | Y           | J             | J            | J         | 6                   | mg/kg | 1.1    | mg/kg |
| RY157-NSB-C  | 09FC-RY157-NSB-C-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 4.1    | mg/kg |
| RY157-NSB-C  | 09FC-RY157-NSB-C-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 120    | mg/kg |
| RY157-NSB-C  | 09FC-RY157-NSB-C-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | BERYLLIUM     | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 0.39   | mg/kg |
| RY157-NSB-C  | 09FC-RY157-NSB-C-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | CADMIUM       | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.39   | mg/kg |
| RY157-NSB-C  | 09FC-RY157-NSB-C-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 7.5    | mg/kg |
| RY157-NSB-C  | 09FC-RY157-NSB-C-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 5.1    | mg/kg |
| RY157-NSB-C  | 09FC-RY157-NSB-C-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | COPPER        | 2.5                 | Y           | J             | J            |           | 2.5                 | mg/kg | 10.9   | mg/kg |
| RY157-NSB-C  | 09FC-RY157-NSB-C-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 15.9   | mg/kg |
| RY157-NSB-C  | 09FC-RY157-NSB-C-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 69.7   | mg/kg |
| RY157-NSB-C  | 09FC-RY157-NSB-C-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 4590   | mg/kg |
| RY157-NSB-C  | 09FC-RY157-NSB-C-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.74   | mg/kg |
| RY157-NSB-D  | 09FC-RY157-NSB-D-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 7100   | mg/kg |
| RY157-NSB-D  | 09FC-RY157-NSB-D-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 10900  | mg/kg |
| RY157-NSB-D  | 09FC-RY157-NSB-D-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 19.4   | mg/kg |
| RY157-NSB-D  | 09FC-RY157-NSB-D-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3590   | mg/kg |
| RY157-NSB-D  | 09FC-RY157-NSB-D-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 231    | mg/kg |
| RY157-NSB-D  | 09FC-RY157-NSB-D-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 7.4    | mg/kg |
| RY157-NSB-D  | 09FC-RY157-NSB-D-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1040   | mg/kg |
| RY157-NSB-D  | 09FC-RY157-NSB-D-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 0.78   | mg/kg |
| RY157-NSB-D  | 09FC-RY157-NSB-D-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY157-NSB-D  | 09FC-RY157-NSB-D-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2      | mg/kg |
| RY157-NSB-D  | 09FC-RY157-NSB-D-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | ANTIMONY      | 6                   | Y           | J             | J            | J         | 6                   | mg/kg | 0.87   | mg/kg |
| RY157-NSB-D  | 09FC-RY157-NSB-D-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 4.7    | mg/kg |
| RY157-NSB-D  | 09FC-RY157-NSB-D-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 82.5   | mg/kg |
| RY157-NSB-D  | 09FC-RY157-NSB-D-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.37   | mg/kg |
| RY157-NSB-D  | 09FC-RY157-NSB-D-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | CADMIUM       | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.39   | mg/kg |
| RY157-NSB-D  | 09FC-RY157-NSB-D-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 6.2    | mg/kg |
| RY157-NSB-D  | 09FC-RY157-NSB-D-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 4.6    | mg/kg |
| RY157-NSB-D  | 09FC-RY157-NSB-D-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | COPPER        | 2.5                 | Y           | J             | J            |           | 2.5                 | mg/kg | 10.2   | mg/kg |
| RY157-NSB-D  | 09FC-RY157-NSB-D-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 12.4   | mg/kg |
| RY157-NSB-D  | 09FC-RY157-NSB-D-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 33.1   | mg/kg |
| RY157-NSB-D  | 09FC-RY157-NSB-D-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 5740   | mg/kg |
| RY157-NSB-D  | 09FC-RY157-NSB-D-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.52   | mg/kg |
| RY157-NSB-D  | 09FC-RY157-NSB-D-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 7480   | mg/kg |
| RY157-NSB-D  | 09FC-RY157-NSB-D-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 10900  | mg/kg |
| RY157-NSB-D  | 09FC-RY157-NSB-D-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 15.6   | mg/kg |
| RY157-NSB-D  | 09FC-RY157-NSB-D-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3760   | mg/kg |
| RY157-NSB-D  | 09FC-RY157-NSB-D-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 250    | mg/kg |
| RY157-NSB-D  | 09FC-RY157-NSB-D-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 8      | mg/kg |
| RY157-NSB-D  | 09FC-RY157-NSB-D-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1060   | mg/kg |
| RY157-NSB-D  | 09FC-RY157-NSB-D-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 0.81   | mg/kg |
| RY157-NSB-D  | 09FC-RY157-NSB-D-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY157-NSB-D  | 09FC-RY157-NSB-D-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2      | mg/kg |
| RY157-NSB-D  | 09FC-RY157-NSB-D-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | ANTIMONY      | 6                   | Y           | J             | J            | J         | 6                   | mg/kg | 0.79   | mg/kg |
| RY157-NSB-D  | 09FC-RY157-NSB-D-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 4.7    | mg/kg |
| RY157-NSB-D  | 09FC-RY157-NSB-D-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 89     | mg/kg |
| RY157-NSB-D  | 09FC-RY157-NSB-D-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.36   | mg/kg |

## Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY157-NSB-D  | 09FC-RY157-NSB-D-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | CADMIUM       | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.4    | mg/kg |
| RY157-NSB-D  | 09FC-RY157-NSB-D-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 6.7    | mg/kg |
| RY157-NSB-D  | 09FC-RY157-NSB-D-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 5.5    | mg/kg |
| RY157-NSB-D  | 09FC-RY157-NSB-D-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | COPPER        | 2.5                 | Y           | J             | J            |           | 2.5                 | mg/kg | 9.6    | mg/kg |
| RY157-NSB-D  | 09FC-RY157-NSB-D-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 12.1   | mg/kg |
| RY157-NSB-D  | 09FC-RY157-NSB-D-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 27.7   | mg/kg |
| RY157-NSB-D  | 09FC-RY157-NSB-D-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 5180   | mg/kg |
| RY157-NSB-D  | 09FC-RY157-NSB-D-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.66   | mg/kg |
| RY157-NSS-A  | 09FC-RY157-NSS-A-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 15500  | mg/kg |
| RY157-NSS-A  | 09FC-RY157-NSS-A-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 13000  | mg/kg |
| RY157-NSS-A  | 09FC-RY157-NSS-A-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 17.9   | mg/kg |
| RY157-NSS-A  | 09FC-RY157-NSS-A-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3280   | mg/kg |
| RY157-NSS-A  | 09FC-RY157-NSS-A-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 456    | mg/kg |
| RY157-NSS-A  | 09FC-RY157-NSS-A-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 8.1    | mg/kg |
| RY157-NSS-A  | 09FC-RY157-NSS-A-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 990    | mg/kg |
| RY157-NSS-A  | 09FC-RY157-NSS-A-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 1      | mg/kg |
| RY157-NSS-A  | 09FC-RY157-NSS-A-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY157-NSS-A  | 09FC-RY157-NSS-A-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.5    | mg/kg |
| RY157-NSS-A  | 09FC-RY157-NSS-A-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | ANTIMONY      | 6                   | Y           | J             | J            | J         | 6                   | mg/kg | 1.3    | mg/kg |
| RY157-NSS-A  | 09FC-RY157-NSS-A-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 4.3    | mg/kg |
| RY157-NSS-A  | 09FC-RY157-NSS-A-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 224    | mg/kg |
| RY157-NSS-A  | 09FC-RY157-NSS-A-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | BERYLLIUM     | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 0.58   | mg/kg |
| RY157-NSS-A  | 09FC-RY157-NSS-A-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | CADMIUM       | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.51   | mg/kg |
| RY157-NSS-A  | 09FC-RY157-NSS-A-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 8.3    | mg/kg |
| RY157-NSS-A  | 09FC-RY157-NSS-A-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 6.5    | mg/kg |
| RY157-NSS-A  | 09FC-RY157-NSS-A-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | COPPER        | 2.5                 | Y           | J             | J            |           | 2.5                 | mg/kg | 12.5   | mg/kg |
| RY157-NSS-A  | 09FC-RY157-NSS-A-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 17.8   | mg/kg |
| RY157-NSS-A  | 09FC-RY157-NSS-A-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 61.9   | mg/kg |
| RY157-NSS-A  | 09FC-RY157-NSS-A-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 5320   | mg/kg |
| RY157-NSS-A  | 09FC-RY157-NSS-A-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.72   | mg/kg |
| RY157-NSS-B  | 09FC-RY157-NSS-B-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 9910   | mg/kg |
| RY157-NSS-B  | 09FC-RY157-NSS-B-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 11100  | mg/kg |
| RY157-NSS-B  | 09FC-RY157-NSS-B-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 12.5   | mg/kg |
| RY157-NSS-B  | 09FC-RY157-NSS-B-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2900   | mg/kg |
| RY157-NSS-B  | 09FC-RY157-NSS-B-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 314    | mg/kg |
| RY157-NSS-B  | 09FC-RY157-NSS-B-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.9    | mg/kg |
| RY157-NSS-B  | 09FC-RY157-NSS-B-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 945    | mg/kg |
| RY157-NSS-B  | 09FC-RY157-NSS-B-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 0.85   | mg/kg |
| RY157-NSS-B  | 09FC-RY157-NSS-B-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY157-NSS-B  | 09FC-RY157-NSS-B-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.1    | mg/kg |
| RY157-NSS-B  | 09FC-RY157-NSS-B-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | ANTIMONY      | 6                   | Y           | J             | J            | J         | 6                   | mg/kg | 0.96   | mg/kg |
| RY157-NSS-B  | 09FC-RY157-NSS-B-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 2.8    | mg/kg |
| RY157-NSS-B  | 09FC-RY157-NSS-B-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 112    | mg/kg |
| RY157-NSS-B  | 09FC-RY157-NSS-B-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.39   | mg/kg |
| RY157-NSS-B  | 09FC-RY157-NSS-B-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | CADMIUM       | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.43   | mg/kg |
| RY157-NSS-B  | 09FC-RY157-NSS-B-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 7.2    | mg/kg |
| RY157-NSS-B  | 09FC-RY157-NSS-B-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 4.9    | mg/kg |
| RY157-NSS-B  | 09FC-RY157-NSS-B-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | COPPER        | 2.5                 | Y           | J             | J            |           | 2.5                 | mg/kg | 8.5    | mg/kg |

## Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY157-NSS-B  | 09FC-RY157-NSS-B-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 14.9   | mg/kg |
| RY157-NSS-B  | 09FC-RY157-NSS-B-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 46.4   | mg/kg |
| RY157-NSS-B  | 09FC-RY157-NSS-B-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 1830   | mg/kg |
| RY157-NSS-B  | 09FC-RY157-NSS-B-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.79   | mg/kg |
| RY157-NSS-C  | 09FC-RY157-NSS-C-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 11100  | mg/kg |
| RY157-NSS-C  | 09FC-RY157-NSS-C-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 10900  | mg/kg |
| RY157-NSS-C  | 09FC-RY157-NSS-C-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | LEAD          | 1                   | Y           | J             |              | J         | 1                   | mg/kg | 23.1   | mg/kg |
| RY157-NSS-C  | 09FC-RY157-NSS-C-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3770   | mg/kg |
| RY157-NSS-C  | 09FC-RY157-NSS-C-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 378    | mg/kg |
| RY157-NSS-C  | 09FC-RY157-NSS-C-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 7.4    | mg/kg |
| RY157-NSS-C  | 09FC-RY157-NSS-C-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2080   | mg/kg |
| RY157-NSS-C  | 09FC-RY157-NSS-C-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 0.89   | mg/kg |
| RY157-NSS-C  | 09FC-RY157-NSS-C-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | SODIUM        | 500                 | Y           | UJ            |              | UJ        | 500                 | mg/kg | 500    | mg/kg |
| RY157-NSS-C  | 09FC-RY157-NSS-C-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.2    | mg/kg |
| RY157-NSS-C  | 09FC-RY157-NSS-C-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | ANTIMONY      | 6                   | Y           | J             |              | J         | 6                   | mg/kg | 1.8    | mg/kg |
| RY157-NSS-C  | 09FC-RY157-NSS-C-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 4.5    | mg/kg |
| RY157-NSS-C  | 09FC-RY157-NSS-C-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 165    | mg/kg |
| RY157-NSS-C  | 09FC-RY157-NSS-C-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.38   | mg/kg |
| RY157-NSS-C  | 09FC-RY157-NSS-C-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | CADMIUM       | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.45   | mg/kg |
| RY157-NSS-C  | 09FC-RY157-NSS-C-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 8.5    | mg/kg |
| RY157-NSS-C  | 09FC-RY157-NSS-C-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 4.9    | mg/kg |
| RY157-NSS-C  | 09FC-RY157-NSS-C-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | COPPER        | 2.5                 | Y           | J             |              | J         | 2.5                 | mg/kg | 17.5   | mg/kg |
| RY157-NSS-C  | 09FC-RY157-NSS-C-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 14.1   | mg/kg |
| RY157-NSS-C  | 09FC-RY157-NSS-C-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 133    | mg/kg |
| RY157-NSS-C  | 09FC-RY157-NSS-C-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 12700  | mg/kg |
| RY157-NSS-C  | 09FC-RY157-NSS-C-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.1    | mg/kg |
| RY157-NSS-D  | 09FC-RY157-NSS-D-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 6060   | mg/kg |
| RY157-NSS-D  | 09FC-RY157-NSS-D-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 11000  | mg/kg |
| RY157-NSS-D  | 09FC-RY157-NSS-D-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | LEAD          | 1                   | Y           | J             |              | J         | 1                   | mg/kg | 16.8   | mg/kg |
| RY157-NSS-D  | 09FC-RY157-NSS-D-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 4510   | mg/kg |
| RY157-NSS-D  | 09FC-RY157-NSS-D-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 234    | mg/kg |
| RY157-NSS-D  | 09FC-RY157-NSS-D-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 7.7    | mg/kg |
| RY157-NSS-D  | 09FC-RY157-NSS-D-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1120   | mg/kg |
| RY157-NSS-D  | 09FC-RY157-NSS-D-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 0.88   | mg/kg |
| RY157-NSS-D  | 09FC-RY157-NSS-D-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | SODIUM        | 500                 | Y           | UJ            |              | UJ        | 500                 | mg/kg | 500    | mg/kg |
| RY157-NSS-D  | 09FC-RY157-NSS-D-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.2    | mg/kg |
| RY157-NSS-D  | 09FC-RY157-NSS-D-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | ANTIMONY      | 6                   | Y           | J             |              | J         | 6                   | mg/kg | 0.76   | mg/kg |
| RY157-NSS-D  | 09FC-RY157-NSS-D-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 5      | mg/kg |
| RY157-NSS-D  | 09FC-RY157-NSS-D-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 90.2   | mg/kg |
| RY157-NSS-D  | 09FC-RY157-NSS-D-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.35   | mg/kg |
| RY157-NSS-D  | 09FC-RY157-NSS-D-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | CADMIUM       | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.44   | mg/kg |
| RY157-NSS-D  | 09FC-RY157-NSS-D-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 6.3    | mg/kg |
| RY157-NSS-D  | 09FC-RY157-NSS-D-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 4.9    | mg/kg |
| RY157-NSS-D  | 09FC-RY157-NSS-D-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | COPPER        | 2.5                 | Y           | J             |              | J         | 2.5                 | mg/kg | 10.7   | mg/kg |
| RY157-NSS-D  | 09FC-RY157-NSS-D-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 10.8   | mg/kg |
| RY157-NSS-D  | 09FC-RY157-NSS-D-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 38.5   | mg/kg |
| RY157-NSS-D  | 09FC-RY157-NSS-D-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 8490   | mg/kg |
| RY157-NSS-D  | 09FC-RY157-NSS-D-000002 | 8/27/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.63   | mg/kg |



Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                         |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY160-NSB-A  | 09FC-RY160-NSB-A-002006 | 8/31/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | ALUMINUM      | 20            | Y           |               |              |           | 20            | mg/kg | 8710   | mg/kg |
| RY160-NSB-A  | 09FC-RY160-NSB-A-002006 | 8/31/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | IRON          | 10            | Y           | J             | J            |           | 10            | mg/kg | 14700  | mg/kg |
| RY160-NSB-A  | 09FC-RY160-NSB-A-002006 | 8/31/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | LEAD          | 1             | Y           | J             | J            |           | 1             | mg/kg | 189    | mg/kg |
| RY160-NSB-A  | 09FC-RY160-NSB-A-002006 | 8/31/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | MAGNESIUM     | 500           | Y           | J-            | J-           |           | 500           | mg/kg | 4500   | mg/kg |
| RY160-NSB-A  | 09FC-RY160-NSB-A-002006 | 8/31/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | MANGANESE     | 1.5           | Y           | J-            | J-           |           | 1.5           | mg/kg | 441    | mg/kg |
| RY160-NSB-A  | 09FC-RY160-NSB-A-002006 | 8/31/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | NICKEL        | 4             | Y           |               |              |           | 4             | mg/kg | 7.2    | mg/kg |
| RY160-NSB-A  | 09FC-RY160-NSB-A-002006 | 8/31/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | POTASSIUM     | 500           | Y           |               |              |           | 500           | mg/kg | 754    | mg/kg |
| RY160-NSB-A  | 09FC-RY160-NSB-A-002006 | 8/31/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | SILVER        | 1             | Y           | J             | J            | J         | 1             | mg/kg | 1.1    | mg/kg |
| RY160-NSB-A  | 09FC-RY160-NSB-A-002006 | 8/31/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | SODIUM        | 500           | Y           | J             |              | J         | 500           | mg/kg | 94.8   | mg/kg |
| RY160-NSB-A  | 09FC-RY160-NSB-A-002006 | 8/31/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | THALLIUM      | 2.5           | N           | UJ            | UJ           | U         | 2.5           | mg/kg | 2.9    | mg/kg |
| RY160-NSB-A  | 09FC-RY160-NSB-A-002006 | 8/31/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | ANTIMONY      | 6             | Y           | J             |              | J         | 6             | mg/kg | 3.6    | mg/kg |
| RY160-NSB-A  | 09FC-RY160-NSB-A-002006 | 8/31/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | ARSENIC       | 1             | Y           |               |              |           | 1             | mg/kg | 30.8   | mg/kg |
| RY160-NSB-A  | 09FC-RY160-NSB-A-002006 | 8/31/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | BARIUM        | 20            | Y           | J-            | J-           |           | 20            | mg/kg | 122    | mg/kg |
| RY160-NSB-A  | 09FC-RY160-NSB-A-002006 | 8/31/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | BERYLLIUM     | 0.5           | N           | UJ            | UJ           | U         | 0.5           | mg/kg | 0.57   | mg/kg |
| RY160-NSB-A  | 09FC-RY160-NSB-A-002006 | 8/31/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | CADMIUM       | 0.5           | Y           | J-            | J-           |           | 0.5           | mg/kg | 1.2    | mg/kg |
| RY160-NSB-A  | 09FC-RY160-NSB-A-002006 | 8/31/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | CHROMIUM      | 1             | Y           |               |              |           | 1             | mg/kg | 3.7    | mg/kg |
| RY160-NSB-A  | 09FC-RY160-NSB-A-002006 | 8/31/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | COBALT        | 5             | Y           | J             |              | J         | 5             | mg/kg | 5.1    | mg/kg |
| RY160-NSB-A  | 09FC-RY160-NSB-A-002006 | 8/31/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | COPPER        | 2.5           | Y           |               |              |           | 2.5           | mg/kg | 20.8   | mg/kg |
| RY160-NSB-A  | 09FC-RY160-NSB-A-002006 | 8/31/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | VANADIUM      | 5             | Y           |               |              |           | 5             | mg/kg | 13.7   | mg/kg |
| RY160-NSB-A  | 09FC-RY160-NSB-A-002006 | 8/31/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | ZINC          | 6             | Y           | J-            | J-           |           | 6             | mg/kg | 267    | mg/kg |
| RY160-NSB-A  | 09FC-RY160-NSB-A-002006 | 8/31/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | CALCIUM       | 500           | Y           |               |              |           | 500           | mg/kg | 11300  | mg/kg |
| RY160-NSB-A  | 09FC-RY160-NSB-A-002006 | 8/31/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | SELENIUM      | 3.5           | N           | UJ            | UJ           | U         | 3.5           | mg/kg | 4      | mg/kg |
| RY160-NSS-A  | 09FC-RY160-NSS-A-000002 | 8/31/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | ALUMINUM      | 20            | Y           |               |              |           | 20            | mg/kg | 8230   | mg/kg |
| RY160-NSS-A  | 09FC-RY160-NSS-A-000002 | 8/31/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | IRON          | 10            | Y           | J             | J            |           | 10            | mg/kg | 13600  | mg/kg |
| RY160-NSS-A  | 09FC-RY160-NSS-A-000002 | 8/31/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | LEAD          | 1             | Y           | J             | J            |           | 1             | mg/kg | 326    | mg/kg |
| RY160-NSS-A  | 09FC-RY160-NSS-A-000002 | 8/31/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | MAGNESIUM     | 500           | Y           | J-            | J-           |           | 500           | mg/kg | 3120   | mg/kg |
| RY160-NSS-A  | 09FC-RY160-NSS-A-000002 | 8/31/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | MANGANESE     | 1.5           | Y           | J-            | J-           |           | 1.5           | mg/kg | 593    | mg/kg |
| RY160-NSS-A  | 09FC-RY160-NSS-A-000002 | 8/31/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | NICKEL        | 4             | Y           |               |              |           | 4             | mg/kg | 5.4    | mg/kg |
| RY160-NSS-A  | 09FC-RY160-NSS-A-000002 | 8/31/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | POTASSIUM     | 500           | Y           |               |              |           | 500           | mg/kg | 696    | mg/kg |
| RY160-NSS-A  | 09FC-RY160-NSS-A-000002 | 8/31/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | SILVER        | 1             | Y           | J             | J            |           | 1             | mg/kg | 1.6    | mg/kg |
| RY160-NSS-A  | 09FC-RY160-NSS-A-000002 | 8/31/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | SODIUM        | 500           | Y           | J             |              | J         | 500           | mg/kg | 96.4   | mg/kg |
| RY160-NSS-A  | 09FC-RY160-NSS-A-000002 | 8/31/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | THALLIUM      | 2.5           | N           | UJ            | UJ           | U         | 2.5           | mg/kg | 3      | mg/kg |
| RY160-NSS-A  | 09FC-RY160-NSS-A-000002 | 8/31/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | ANTIMONY      | 6             | Y           | J             |              | J         | 6             | mg/kg | 6.9    | mg/kg |
| RY160-NSS-A  | 09FC-RY160-NSS-A-000002 | 8/31/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | ARSENIC       | 1             | Y           |               |              |           | 1             | mg/kg | 36.4   | mg/kg |
| RY160-NSS-A  | 09FC-RY160-NSS-A-000002 | 8/31/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | BARIUM        | 20            | Y           | J-            | J-           |           | 20            | mg/kg | 176    | mg/kg |
| RY160-NSS-A  | 09FC-RY160-NSS-A-000002 | 8/31/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | BERYLLIUM     | 0.5           | N           | UJ            | UJ           | U         | 0.5           | mg/kg | 0.6    | mg/kg |
| RY160-NSS-A  | 09FC-RY160-NSS-A-000002 | 8/31/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | CADMIUM       | 0.5           | Y           | J-            | J-           |           | 0.5           | mg/kg | 2      | mg/kg |
| RY160-NSS-A  | 09FC-RY160-NSS-A-000002 | 8/31/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | CHROMIUM      | 1             | Y           |               |              |           | 1             | mg/kg | 8.2    | mg/kg |
| RY160-NSS-A  | 09FC-RY160-NSS-A-000002 | 8/31/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | COBALT        | 5             | Y           | J             |              | J         | 5             | mg/kg | 4.7    | mg/kg |
| RY160-NSS-A  | 09FC-RY160-NSS-A-000002 | 8/31/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | COPPER        | 2.5           | Y           |               |              |           | 2.5           | mg/kg | 20.3   | mg/kg |
| RY160-NSS-A  | 09FC-RY160-NSS-A-000002 | 8/31/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | VANADIUM      | 5             | Y           |               |              |           | 5             | mg/kg | 9.9    | mg/kg |
| RY160-NSS-A  | 09FC-RY160-NSS-A-000002 | 8/31/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | ZINC          | 6             | Y           | J-            | J-           |           | 6             | mg/kg | 508    | mg/kg |
| RY160-NSS-A  | 09FC-RY160-NSS-A-000002 | 8/31/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | CALCIUM       | 500           | Y           |               |              |           | 500           | mg/kg | 6460   | mg/kg |
| RY160-NSS-A  | 09FC-RY160-NSS-A-000002 | 8/31/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | SELENIUM      | 3.5           | N           | UJ            | UJ           | U         | 3.5           | mg/kg | 4.2    | mg/kg |
| RY160-NSS-B  | 09FC-RY160-NSS-B-000002 | 8/31/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | ALUMINUM      | 20            | Y           |               |              |           | 20            | mg/kg | 8020   | mg/kg |
| RY160-NSS-B  | 09FC-RY160-NSS-B-000002 | 8/31/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | IRON          | 10            | Y           | J             | J            |           | 10            | mg/kg | 13100  | mg/kg |
| RY160-NSS-B  | 09FC-RY160-NSS-B-000002 | 8/31/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | LEAD          | 1             | Y           | J             | J            |           | 1             | mg/kg | 789    | mg/kg |
| RY160-NSS-B  | 09FC-RY160-NSS-B-000002 | 8/31/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | MAGNESIUM     | 500           | Y           | J-            | J-           |           | 500           | mg/kg | 2410   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY160-NSS-B  | 09FC-RY160-NSS-B-000002 | 8/31/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | MANGANESE     | 1.5                 | Y           | J-            | J-           |           | 1.5                 | mg/kg | 550    | mg/kg |
| RY160-NSS-B  | 09FC-RY160-NSS-B-000002 | 8/31/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.5    | mg/kg |
| RY160-NSS-B  | 09FC-RY160-NSS-B-000002 | 8/31/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 912    | mg/kg |
| RY160-NSS-B  | 09FC-RY160-NSS-B-000002 | 8/31/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | SILVER        | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 17.9   | mg/kg |
| RY160-NSS-B  | 09FC-RY160-NSS-B-000002 | 8/31/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 64.1   | mg/kg |
| RY160-NSS-B  | 09FC-RY160-NSS-B-000002 | 8/31/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | THALLIUM      | 2.5                 | N           | UJ            | UJ           | U         | 2.5                 | mg/kg | 2.8    | mg/kg |
| RY160-NSS-B  | 09FC-RY160-NSS-B-000002 | 8/31/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | ANTIMONY      | 6                   | Y           |               |              |           | 6                   | mg/kg | 20     | mg/kg |
| RY160-NSS-B  | 09FC-RY160-NSS-B-000002 | 8/31/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 180    | mg/kg |
| RY160-NSS-B  | 09FC-RY160-NSS-B-000002 | 8/31/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | BARIUM        | 20                  | Y           | J-            | J-           |           | 20                  | mg/kg | 101    | mg/kg |
| RY160-NSS-B  | 09FC-RY160-NSS-B-000002 | 8/31/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | BERYLLIUM     | 0.5                 | N           | UJ            | UJ           | U         | 0.5                 | mg/kg | 0.56   | mg/kg |
| RY160-NSS-B  | 09FC-RY160-NSS-B-000002 | 8/31/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | CADMIUM       | 0.5                 | Y           | J-            | J-           |           | 0.5                 | mg/kg | 4.8    | mg/kg |
| RY160-NSS-B  | 09FC-RY160-NSS-B-000002 | 8/31/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 2.8    | mg/kg |
| RY160-NSS-B  | 09FC-RY160-NSS-B-000002 | 8/31/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.1    | mg/kg |
| RY160-NSS-B  | 09FC-RY160-NSS-B-000002 | 8/31/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 17.6   | mg/kg |
| RY160-NSS-B  | 09FC-RY160-NSS-B-000002 | 8/31/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 9      | mg/kg |
| RY160-NSS-B  | 09FC-RY160-NSS-B-000002 | 8/31/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | ZINC          | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 819    | mg/kg |
| RY160-NSS-B  | 09FC-RY160-NSS-B-000002 | 8/31/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 4580   | mg/kg |
| RY160-NSS-B  | 09FC-RY160-NSS-B-000002 | 8/31/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | SELENIUM      | 3.5                 | N           | UJ            | UJ           | U         | 3.5                 | mg/kg | 3.9    | mg/kg |
| RY167-NSB-A  | 09FC-RY167-NSB-A-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 5690   | mg/kg |
| RY167-NSB-A  | 09FC-RY167-NSB-A-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 9050   | mg/kg |
| RY167-NSB-A  | 09FC-RY167-NSB-A-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 228    | mg/kg |
| RY167-NSB-A  | 09FC-RY167-NSB-A-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | MAGNESIUM     | 500                 | Y           | J-            | J-           |           | 500                 | mg/kg | 3540   | mg/kg |
| RY167-NSB-A  | 09FC-RY167-NSB-A-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | MANGANESE     | 1.5                 | Y           | J-            | J-           |           | 1.5                 | mg/kg | 244    | mg/kg |
| RY167-NSB-A  | 09FC-RY167-NSB-A-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 5.5    | mg/kg |
| RY167-NSB-A  | 09FC-RY167-NSB-A-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1180   | mg/kg |
| RY167-NSB-A  | 09FC-RY167-NSB-A-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | SILVER        | 1                   | N           | UJ            | UJ           | U         | 1                   | mg/kg | 1.1    | mg/kg |
| RY167-NSB-A  | 09FC-RY167-NSB-A-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 85.3   | mg/kg |
| RY167-NSB-A  | 09FC-RY167-NSB-A-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | THALLIUM      | 2.5                 | N           | UJ            | UJ           | U         | 2.5                 | mg/kg | 2.7    | mg/kg |
| RY167-NSB-A  | 09FC-RY167-NSB-A-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | ANTIMONY      | 6                   | N           | U             |              | U         | 6                   | mg/kg | 6.4    | mg/kg |
| RY167-NSB-A  | 09FC-RY167-NSB-A-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 17.9   | mg/kg |
| RY167-NSB-A  | 09FC-RY167-NSB-A-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | BARIUM        | 20                  | Y           | J-            | J-           |           | 20                  | mg/kg | 147    | mg/kg |
| RY167-NSB-A  | 09FC-RY167-NSB-A-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | BERYLLIUM     | 0.5                 | N           | UJ            | UJ           | U         | 0.5                 | mg/kg | 0.53   | mg/kg |
| RY167-NSB-A  | 09FC-RY167-NSB-A-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | CADMIUM       | 0.5                 | Y           | UJ            | UJ           | J         | 0.5                 | mg/kg | 0.5    | mg/kg |
| RY167-NSB-A  | 09FC-RY167-NSB-A-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 6.4    | mg/kg |
| RY167-NSB-A  | 09FC-RY167-NSB-A-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | COBALT        | 5                   | Y           | U             | U            | J         | 5                   | mg/kg | 5      | mg/kg |
| RY167-NSB-A  | 09FC-RY167-NSB-A-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 26.6   | mg/kg |
| RY167-NSB-A  | 09FC-RY167-NSB-A-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 7.3    | mg/kg |
| RY167-NSB-A  | 09FC-RY167-NSB-A-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | ZINC          | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 262    | mg/kg |
| RY167-NSB-A  | 09FC-RY167-NSB-A-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 5680   | mg/kg |
| RY167-NSB-A  | 09FC-RY167-NSB-A-002006 | 8/27/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | SELENIUM      | 3.5                 | N           | UJ            | UJ           | U         | 3.5                 | mg/kg | 3.7    | mg/kg |
| RY176-NSB-E  | 09FC-RY176-NSB-E-002006 | 9/1/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 5470   | mg/kg |
| RY176-NSB-E  | 09FC-RY176-NSB-E-002006 | 9/1/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 19700  | mg/kg |
| RY176-NSB-E  | 09FC-RY176-NSB-E-002006 | 9/1/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 2190   | mg/kg |
| RY176-NSB-E  | 09FC-RY176-NSB-E-002006 | 9/1/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | MAGNESIUM     | 500                 | Y           | J-            | J-           |           | 500                 | mg/kg | 3530   | mg/kg |
| RY176-NSB-E  | 09FC-RY176-NSB-E-002006 | 9/1/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | MANGANESE     | 1.5                 | Y           | J-            | J-           |           | 1.5                 | mg/kg | 1080   | mg/kg |
| RY176-NSB-E  | 09FC-RY176-NSB-E-002006 | 9/1/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | NICKEL        | 4                   | Y           | J             |              | J         | 4                   | mg/kg | 3.8    | mg/kg |
| RY176-NSB-E  | 09FC-RY176-NSB-E-002006 | 9/1/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1110   | mg/kg |
| RY176-NSB-E  | 09FC-RY176-NSB-E-002006 | 9/1/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | SILVER        | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 8.8    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY176-NSB-E  | 09FC-RY176-NSB-E-002006 | 9/1/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 266    | mg/kg |
| RY176-NSB-E  | 09FC-RY176-NSB-E-002006 | 9/1/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | THALLIUM      | 2.5                 | N           | UJ            | UJ           | U         | 2.5                 | mg/kg | 2.7    | mg/kg |
| RY176-NSB-E  | 09FC-RY176-NSB-E-002006 | 9/1/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | ANTIMONY      | 6                   | Y           |               |              |           | 6                   | mg/kg | 522    | mg/kg |
| RY176-NSB-E  | 09FC-RY176-NSB-E-002006 | 9/1/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 51.7   | mg/kg |
| RY176-NSB-E  | 09FC-RY176-NSB-E-002006 | 9/1/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | BARIUM        | 20                  | Y           | J-            | J-           |           | 20                  | mg/kg | 87.7   | mg/kg |
| RY176-NSB-E  | 09FC-RY176-NSB-E-002006 | 9/1/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | BERYLLIUM     | 0.5                 | N           | UJ            | UJ           | U         | 0.5                 | mg/kg | 0.54   | mg/kg |
| RY176-NSB-E  | 09FC-RY176-NSB-E-002006 | 9/1/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | CADMIUM       | 0.5                 | Y           | J-            | J-           |           | 0.5                 | mg/kg | 1.6    | mg/kg |
| RY176-NSB-E  | 09FC-RY176-NSB-E-002006 | 9/1/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 3.5    | mg/kg |
| RY176-NSB-E  | 09FC-RY176-NSB-E-002006 | 9/1/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | COBALT        | 5                   | Y           | U             | U            | J         | 5                   | mg/kg | 5      | mg/kg |
| RY176-NSB-E  | 09FC-RY176-NSB-E-002006 | 9/1/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 20.4   | mg/kg |
| RY176-NSB-E  | 09FC-RY176-NSB-E-002006 | 9/1/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 6.4    | mg/kg |
| RY176-NSB-E  | 09FC-RY176-NSB-E-002006 | 9/1/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | ZINC          | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 361    | mg/kg |
| RY176-NSB-E  | 09FC-RY176-NSB-E-002006 | 9/1/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 5860   | mg/kg |
| RY176-NSB-E  | 09FC-RY176-NSB-E-002006 | 9/1/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | SELENIUM      | 3.5                 | N           | UJ            | UJ           | U         | 3.5                 | mg/kg | 3.8    | mg/kg |
| RY180-NSB-D  | 09FC-RY180-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 9970   | mg/kg |
| RY180-NSB-D  | 09FC-RY180-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 9120   | mg/kg |
| RY180-NSB-D  | 09FC-RY180-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 92.3   | mg/kg |
| RY180-NSB-D  | 09FC-RY180-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 4310   | mg/kg |
| RY180-NSB-D  | 09FC-RY180-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 387    | mg/kg |
| RY180-NSB-D  | 09FC-RY180-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.7    | mg/kg |
| RY180-NSB-D  | 09FC-RY180-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1520   | mg/kg |
| RY180-NSB-D  | 09FC-RY180-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 1.1    | mg/kg |
| RY180-NSB-D  | 09FC-RY180-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 273    | mg/kg |
| RY180-NSB-D  | 09FC-RY180-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.7    | mg/kg |
| RY180-NSB-D  | 09FC-RY180-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | ANTIMONY      | 6                   | N           | U             |              | U         | 6                   | mg/kg | 6.4    | mg/kg |
| RY180-NSB-D  | 09FC-RY180-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 6.3    | mg/kg |
| RY180-NSB-D  | 09FC-RY180-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 984    | mg/kg |
| RY180-NSB-D  | 09FC-RY180-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.46   | mg/kg |
| RY180-NSB-D  | 09FC-RY180-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | CADMIUM       | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.33   | mg/kg |
| RY180-NSB-D  | 09FC-RY180-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 5.8    | mg/kg |
| RY180-NSB-D  | 09FC-RY180-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.8    | mg/kg |
| RY180-NSB-D  | 09FC-RY180-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | COPPER        | 2.5                 | Y           | J             | J            |           | 2.5                 | mg/kg | 22.1   | mg/kg |
| RY180-NSB-D  | 09FC-RY180-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 18.9   | mg/kg |
| RY180-NSB-D  | 09FC-RY180-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 51.9   | mg/kg |
| RY180-NSB-D  | 09FC-RY180-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 17900  | mg/kg |
| RY180-NSB-D  | 09FC-RY180-NSB-D-006012 | 8/5/2009    | N           | 6           | 12        | in         | C200.7          | 8/24/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.7    | mg/kg |
| RY180-NSS-A  | 09FC-RY180-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 4940   | mg/kg |
| RY180-NSS-A  | 09FC-RY180-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 10700  | mg/kg |
| RY180-NSS-A  | 09FC-RY180-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 37.5   | mg/kg |
| RY180-NSS-A  | 09FC-RY180-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3580   | mg/kg |
| RY180-NSS-A  | 09FC-RY180-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 276    | mg/kg |
| RY180-NSS-A  | 09FC-RY180-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 11.5   | mg/kg |
| RY180-NSS-A  | 09FC-RY180-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1040   | mg/kg |
| RY180-NSS-A  | 09FC-RY180-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 1.1    | mg/kg |
| RY180-NSS-A  | 09FC-RY180-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 545    | mg/kg |
| RY180-NSS-A  | 09FC-RY180-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.7    | mg/kg |
| RY180-NSS-A  | 09FC-RY180-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ANTIMONY      | 6                   | N           | U             |              | U         | 6                   | mg/kg | 6.5    | mg/kg |
| RY180-NSS-A  | 09FC-RY180-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 12.9   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY180-NSS-A  | 09FC-RY180-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 119    | mg/kg |
| RY180-NSS-A  | 09FC-RY180-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.27   | mg/kg |
| RY180-NSS-A  | 09FC-RY180-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CADMIUM       | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.34   | mg/kg |
| RY180-NSS-A  | 09FC-RY180-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 4.7    | mg/kg |
| RY180-NSS-A  | 09FC-RY180-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 8      | mg/kg |
| RY180-NSS-A  | 09FC-RY180-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | COPPER        | 2.5                 | Y           | J             | J            |           | 2.5                 | mg/kg | 19.5   | mg/kg |
| RY180-NSS-A  | 09FC-RY180-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 8.9    | mg/kg |
| RY180-NSS-A  | 09FC-RY180-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 58.9   | mg/kg |
| RY180-NSS-A  | 09FC-RY180-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 23900  | mg/kg |
| RY180-NSS-A  | 09FC-RY180-NSS-A-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.8    | mg/kg |
| RY180-NSS-B  | 09FC-RY180-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 4590   | mg/kg |
| RY180-NSS-B  | 09FC-RY180-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 7340   | mg/kg |
| RY180-NSS-B  | 09FC-RY180-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | LEAD          | 1                   | Y           | J+            | J+           |           | 1                   | mg/kg | 21.6   | mg/kg |
| RY180-NSS-B  | 09FC-RY180-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3100   | mg/kg |
| RY180-NSS-B  | 09FC-RY180-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 340    | mg/kg |
| RY180-NSS-B  | 09FC-RY180-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 5.8    | mg/kg |
| RY180-NSS-B  | 09FC-RY180-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1400   | mg/kg |
| RY180-NSS-B  | 09FC-RY180-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 1.3    | mg/kg |
| RY180-NSS-B  | 09FC-RY180-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 665    | mg/kg |
| RY180-NSS-B  | 09FC-RY180-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 3.3    | mg/kg |
| RY180-NSS-B  | 09FC-RY180-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ANTIMONY      | 6                   | N           | U             |              | U         | 6                   | mg/kg | 8      | mg/kg |
| RY180-NSS-B  | 09FC-RY180-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 5.3    | mg/kg |
| RY180-NSS-B  | 09FC-RY180-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 174    | mg/kg |
| RY180-NSS-B  | 09FC-RY180-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | BERYLLIUM     | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.66   | mg/kg |
| RY180-NSS-B  | 09FC-RY180-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CADMIUM       | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.25   | mg/kg |
| RY180-NSS-B  | 09FC-RY180-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 4.8    | mg/kg |
| RY180-NSS-B  | 09FC-RY180-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.2    | mg/kg |
| RY180-NSS-B  | 09FC-RY180-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | COPPER        | 2.5                 | Y           | J             | J            |           | 2.5                 | mg/kg | 16.5   | mg/kg |
| RY180-NSS-B  | 09FC-RY180-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 8.5    | mg/kg |
| RY180-NSS-B  | 09FC-RY180-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 110    | mg/kg |
| RY180-NSS-B  | 09FC-RY180-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 11500  | mg/kg |
| RY180-NSS-B  | 09FC-RY180-NSS-B-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/24/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 4.7    | mg/kg |
| RY180-NSS-C  | 09FC-RY180-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/25/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 6140   | mg/kg |
| RY180-NSS-C  | 09FC-RY180-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/25/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 7940   | mg/kg |
| RY180-NSS-C  | 09FC-RY180-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/25/2009     | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 28.3   | mg/kg |
| RY180-NSS-C  | 09FC-RY180-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/25/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3730   | mg/kg |
| RY180-NSS-C  | 09FC-RY180-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/25/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 260    | mg/kg |
| RY180-NSS-C  | 09FC-RY180-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/25/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.3    | mg/kg |
| RY180-NSS-C  | 09FC-RY180-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/25/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1960   | mg/kg |
| RY180-NSS-C  | 09FC-RY180-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/25/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 1.1    | mg/kg |
| RY180-NSS-C  | 09FC-RY180-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/25/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 561    | mg/kg |
| RY180-NSS-C  | 09FC-RY180-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/25/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.8    | mg/kg |
| RY180-NSS-C  | 09FC-RY180-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/25/2009     | ANTIMONY      | 6                   | N           | U             |              | U         | 6                   | mg/kg | 6.7    | mg/kg |
| RY180-NSS-C  | 09FC-RY180-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/25/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 2.7    | mg/kg |
| RY180-NSS-C  | 09FC-RY180-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/25/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 149    | mg/kg |
| RY180-NSS-C  | 09FC-RY180-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/25/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.27   | mg/kg |
| RY180-NSS-C  | 09FC-RY180-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/25/2009     | CADMIUM       | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.23   | mg/kg |
| RY180-NSS-C  | 09FC-RY180-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/25/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 9      | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY180-NSS-C  | 09FC-RY180-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/25/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.5    | mg/kg |
| RY180-NSS-C  | 09FC-RY180-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/25/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 12.2   | mg/kg |
| RY180-NSS-C  | 09FC-RY180-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/25/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 8.9    | mg/kg |
| RY180-NSS-C  | 09FC-RY180-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/25/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 73.5   | mg/kg |
| RY180-NSS-C  | 09FC-RY180-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/25/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 6440   | mg/kg |
| RY180-NSS-C  | 09FC-RY180-NSS-C-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/25/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.9    | mg/kg |
| RY180-NSS-D  | 09FC-RY180-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/25/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 4080   | mg/kg |
| RY180-NSS-D  | 09FC-RY180-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/25/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 6390   | mg/kg |
| RY180-NSS-D  | 09FC-RY180-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/25/2009     | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 48     | mg/kg |
| RY180-NSS-D  | 09FC-RY180-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/25/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2880   | mg/kg |
| RY180-NSS-D  | 09FC-RY180-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/25/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 281    | mg/kg |
| RY180-NSS-D  | 09FC-RY180-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/25/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 7.7    | mg/kg |
| RY180-NSS-D  | 09FC-RY180-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/25/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1360   | mg/kg |
| RY180-NSS-D  | 09FC-RY180-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/25/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 1      | mg/kg |
| RY180-NSS-D  | 09FC-RY180-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/25/2009     | SODIUM        | 500                 | N           | U             |              | U         | 500                 | mg/kg | 498    | mg/kg |
| RY180-NSS-D  | 09FC-RY180-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/25/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.5    | mg/kg |
| RY180-NSS-D  | 09FC-RY180-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/25/2009     | ANTIMONY      | 6                   | N           | U             |              | U         | 6                   | mg/kg | 6      | mg/kg |
| RY180-NSS-D  | 09FC-RY180-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/25/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 2.9    | mg/kg |
| RY180-NSS-D  | 09FC-RY180-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/25/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 169    | mg/kg |
| RY180-NSS-D  | 09FC-RY180-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/25/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.2    | mg/kg |
| RY180-NSS-D  | 09FC-RY180-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/25/2009     | CADMIUM       | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.31   | mg/kg |
| RY180-NSS-D  | 09FC-RY180-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/25/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 12     | mg/kg |
| RY180-NSS-D  | 09FC-RY180-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/25/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.4    | mg/kg |
| RY180-NSS-D  | 09FC-RY180-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/25/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 16.1   | mg/kg |
| RY180-NSS-D  | 09FC-RY180-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/25/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 11.5   | mg/kg |
| RY180-NSS-D  | 09FC-RY180-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/25/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 78.8   | mg/kg |
| RY180-NSS-D  | 09FC-RY180-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/25/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 6650   | mg/kg |
| RY180-NSS-D  | 09FC-RY180-NSS-D-000002 | 8/5/2009    | N           | 0           | 2         | in         | C200.7          | 8/25/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.5    | mg/kg |
| RY193-NSB-C  | 09FC-RY193-NSB-C-006012 | 9/1/2009    | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 4800   | mg/kg |
| RY193-NSB-C  | 09FC-RY193-NSB-C-006012 | 9/1/2009    | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 11400  | mg/kg |
| RY193-NSB-C  | 09FC-RY193-NSB-C-006012 | 9/1/2009    | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 553    | mg/kg |
| RY193-NSB-C  | 09FC-RY193-NSB-C-006012 | 9/1/2009    | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | MAGNESIUM     | 500                 | Y           | J-            | J-           |           | 500                 | mg/kg | 3630   | mg/kg |
| RY193-NSB-C  | 09FC-RY193-NSB-C-006012 | 9/1/2009    | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | MANGANESE     | 1.5                 | Y           | J-            | J-           |           | 1.5                 | mg/kg | 372    | mg/kg |
| RY193-NSB-C  | 09FC-RY193-NSB-C-006012 | 9/1/2009    | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 5.3    | mg/kg |
| RY193-NSB-C  | 09FC-RY193-NSB-C-006012 | 9/1/2009    | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1080   | mg/kg |
| RY193-NSB-C  | 09FC-RY193-NSB-C-006012 | 9/1/2009    | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | SILVER        | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 4.7    | mg/kg |
| RY193-NSB-C  | 09FC-RY193-NSB-C-006012 | 9/1/2009    | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 84.4   | mg/kg |
| RY193-NSB-C  | 09FC-RY193-NSB-C-006012 | 9/1/2009    | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | THALLIUM      | 2.5                 | N           | UJ            | UJ           | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY193-NSB-C  | 09FC-RY193-NSB-C-006012 | 9/1/2009    | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | ANTIMONY      | 6                   | Y           |               |              |           | 6                   | mg/kg | 26.1   | mg/kg |
| RY193-NSB-C  | 09FC-RY193-NSB-C-006012 | 9/1/2009    | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 133    | mg/kg |
| RY193-NSB-C  | 09FC-RY193-NSB-C-006012 | 9/1/2009    | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | BARIUM        | 20                  | Y           | J-            | J-           |           | 20                  | mg/kg | 71     | mg/kg |
| RY193-NSB-C  | 09FC-RY193-NSB-C-006012 | 9/1/2009    | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | BERYLLIUM     | 0.5                 | N           | UJ            | UJ           | U         | 0.5                 | mg/kg | 0.52   | mg/kg |
| RY193-NSB-C  | 09FC-RY193-NSB-C-006012 | 9/1/2009    | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | CADMIUM       | 0.5                 | Y           | J-            | J-           |           | 0.5                 | mg/kg | 2.8    | mg/kg |
| RY193-NSB-C  | 09FC-RY193-NSB-C-006012 | 9/1/2009    | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 3.9    | mg/kg |
| RY193-NSB-C  | 09FC-RY193-NSB-C-006012 | 9/1/2009    | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | COBALT        | 5                   | Y           | U             | U            | J         | 5                   | mg/kg | 5      | mg/kg |
| RY193-NSB-C  | 09FC-RY193-NSB-C-006012 | 9/1/2009    | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 10.7   | mg/kg |
| RY193-NSB-C  | 09FC-RY193-NSB-C-006012 | 9/1/2009    | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 6.8    | mg/kg |
| RY193-NSB-C  | 09FC-RY193-NSB-C-006012 | 9/1/2009    | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | ZINC          | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 520    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY193-NSB-C  | 09FC-RY193-NSB-C-006012 | 9/1/2009    | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 9970   | mg/kg |
| RY193-NSB-C  | 09FC-RY193-NSB-C-006012 | 9/1/2009    | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | SELENIUM      | 3.5                 | N           | UJ            | UJ           | U         | 3.5                 | mg/kg | 3.6    | mg/kg |
| RY193-NSB-D  | 09FC-RY193-NSB-D-002006 | 9/1/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 5560   | mg/kg |
| RY193-NSB-D  | 09FC-RY193-NSB-D-002006 | 9/1/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 7540   | mg/kg |
| RY193-NSB-D  | 09FC-RY193-NSB-D-002006 | 9/1/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 167    | mg/kg |
| RY193-NSB-D  | 09FC-RY193-NSB-D-002006 | 9/1/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | MAGNESIUM     | 500                 | Y           | J-            | J-           |           | 500                 | mg/kg | 2870   | mg/kg |
| RY193-NSB-D  | 09FC-RY193-NSB-D-002006 | 9/1/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | MANGANESE     | 1.5                 | Y           | J-            | J-           |           | 1.5                 | mg/kg | 242    | mg/kg |
| RY193-NSB-D  | 09FC-RY193-NSB-D-002006 | 9/1/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 4.5    | mg/kg |
| RY193-NSB-D  | 09FC-RY193-NSB-D-002006 | 9/1/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 954    | mg/kg |
| RY193-NSB-D  | 09FC-RY193-NSB-D-002006 | 9/1/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | SILVER        | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 1.4    | mg/kg |
| RY193-NSB-D  | 09FC-RY193-NSB-D-002006 | 9/1/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 70.3   | mg/kg |
| RY193-NSB-D  | 09FC-RY193-NSB-D-002006 | 9/1/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | THALLIUM      | 2.5                 | N           | UJ            | UJ           | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY193-NSB-D  | 09FC-RY193-NSB-D-002006 | 9/1/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | ANTIMONY      | 6                   | Y           |               |              |           | 6                   | mg/kg | 6.5    | mg/kg |
| RY193-NSB-D  | 09FC-RY193-NSB-D-002006 | 9/1/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 27.3   | mg/kg |
| RY193-NSB-D  | 09FC-RY193-NSB-D-002006 | 9/1/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | BARIUM        | 20                  | Y           | J-            | J-           |           | 20                  | mg/kg | 124    | mg/kg |
| RY193-NSB-D  | 09FC-RY193-NSB-D-002006 | 9/1/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | BERYLLIUM     | 0.5                 | N           | UJ            | UJ           | U         | 0.5                 | mg/kg | 0.52   | mg/kg |
| RY193-NSB-D  | 09FC-RY193-NSB-D-002006 | 9/1/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | CADMIUM       | 0.5                 | Y           | J-            | J-           |           | 0.5                 | mg/kg | 0.75   | mg/kg |
| RY193-NSB-D  | 09FC-RY193-NSB-D-002006 | 9/1/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 4.5    | mg/kg |
| RY193-NSB-D  | 09FC-RY193-NSB-D-002006 | 9/1/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | COBALT        | 5                   | Y           | U             | U            | J         | 5                   | mg/kg | 5      | mg/kg |
| RY193-NSB-D  | 09FC-RY193-NSB-D-002006 | 9/1/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 10.6   | mg/kg |
| RY193-NSB-D  | 09FC-RY193-NSB-D-002006 | 9/1/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 6.5    | mg/kg |
| RY193-NSB-D  | 09FC-RY193-NSB-D-002006 | 9/1/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | ZINC          | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 169    | mg/kg |
| RY193-NSB-D  | 09FC-RY193-NSB-D-002006 | 9/1/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 3590   | mg/kg |
| RY193-NSB-D  | 09FC-RY193-NSB-D-002006 | 9/1/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | SELENIUM      | 3.5                 | N           | UJ            | UJ           | U         | 3.5                 | mg/kg | 3.6    | mg/kg |
| RY193-NSS-D  | 09FC-RY193-NSS-D-000002 | 9/1/2009    | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 4850   | mg/kg |
| RY193-NSS-D  | 09FC-RY193-NSS-D-000002 | 9/1/2009    | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 8370   | mg/kg |
| RY193-NSS-D  | 09FC-RY193-NSS-D-000002 | 9/1/2009    | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 519    | mg/kg |
| RY193-NSS-D  | 09FC-RY193-NSS-D-000002 | 9/1/2009    | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | MAGNESIUM     | 500                 | Y           | J-            | J-           |           | 500                 | mg/kg | 2870   | mg/kg |
| RY193-NSS-D  | 09FC-RY193-NSS-D-000002 | 9/1/2009    | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | MANGANESE     | 1.5                 | Y           | J-            | J-           |           | 1.5                 | mg/kg | 274    | mg/kg |
| RY193-NSS-D  | 09FC-RY193-NSS-D-000002 | 9/1/2009    | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 4.4    | mg/kg |
| RY193-NSS-D  | 09FC-RY193-NSS-D-000002 | 9/1/2009    | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 844    | mg/kg |
| RY193-NSS-D  | 09FC-RY193-NSS-D-000002 | 9/1/2009    | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | SILVER        | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 5.5    | mg/kg |
| RY193-NSS-D  | 09FC-RY193-NSS-D-000002 | 9/1/2009    | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 70.3   | mg/kg |
| RY193-NSS-D  | 09FC-RY193-NSS-D-000002 | 9/1/2009    | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | THALLIUM      | 2.5                 | N           | UJ            | UJ           | U         | 2.5                 | mg/kg | 2.5    | mg/kg |
| RY193-NSS-D  | 09FC-RY193-NSS-D-000002 | 9/1/2009    | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | ANTIMONY      | 6                   | Y           |               |              |           | 6                   | mg/kg | 16.3   | mg/kg |
| RY193-NSS-D  | 09FC-RY193-NSS-D-000002 | 9/1/2009    | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 47.9   | mg/kg |
| RY193-NSS-D  | 09FC-RY193-NSS-D-000002 | 9/1/2009    | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | BARIUM        | 20                  | Y           | J-            | J-           |           | 20                  | mg/kg | 187    | mg/kg |
| RY193-NSS-D  | 09FC-RY193-NSS-D-000002 | 9/1/2009    | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | BERYLLIUM     | 0.5                 | N           | UJ            | UJ           | U         | 0.5                 | mg/kg | 0.51   | mg/kg |
| RY193-NSS-D  | 09FC-RY193-NSS-D-000002 | 9/1/2009    | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | CADMIUM       | 0.5                 | Y           | J-            | J-           |           | 0.5                 | mg/kg | 2.4    | mg/kg |
| RY193-NSS-D  | 09FC-RY193-NSS-D-000002 | 9/1/2009    | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 4.4    | mg/kg |
| RY193-NSS-D  | 09FC-RY193-NSS-D-000002 | 9/1/2009    | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | COBALT        | 5                   | Y           | U             | U            | J         | 5                   | mg/kg | 5      | mg/kg |
| RY193-NSS-D  | 09FC-RY193-NSS-D-000002 | 9/1/2009    | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 13.7   | mg/kg |
| RY193-NSS-D  | 09FC-RY193-NSS-D-000002 | 9/1/2009    | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 6.4    | mg/kg |
| RY193-NSS-D  | 09FC-RY193-NSS-D-000002 | 9/1/2009    | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | ZINC          | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 400    | mg/kg |
| RY193-NSS-D  | 09FC-RY193-NSS-D-000002 | 9/1/2009    | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 3310   | mg/kg |
| RY193-NSS-D  | 09FC-RY193-NSS-D-000002 | 9/1/2009    | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | SELENIUM      | 3.5                 | N           | UJ            | UJ           | U         | 3.5                 | mg/kg | 3.5    | mg/kg |
| RY197-NSB-A  | 09FC-RY197-NSB-A-002006 | 9/2/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 9000   | mg/kg |
| RY197-NSB-A  | 09FC-RY197-NSB-A-002006 | 9/2/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 10500  | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY197-NSB-A  | 09FC-RY197-NSB-A-002006 | 9/2/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 238    | mg/kg |
| RY197-NSB-A  | 09FC-RY197-NSB-A-002006 | 9/2/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | MAGNESIUM     | 500                 | Y           | J-            | J-           |           | 500                 | mg/kg | 3460   | mg/kg |
| RY197-NSB-A  | 09FC-RY197-NSB-A-002006 | 9/2/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | MANGANESE     | 1.5                 | Y           | J-            | J-           |           | 1.5                 | mg/kg | 320    | mg/kg |
| RY197-NSB-A  | 09FC-RY197-NSB-A-002006 | 9/2/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 4.8    | mg/kg |
| RY197-NSB-A  | 09FC-RY197-NSB-A-002006 | 9/2/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1300   | mg/kg |
| RY197-NSB-A  | 09FC-RY197-NSB-A-002006 | 9/2/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | SILVER        | 1                   | Y           | J             | J            | J         | 1                   | mg/kg | 0.91   | mg/kg |
| RY197-NSB-A  | 09FC-RY197-NSB-A-002006 | 9/2/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 154    | mg/kg |
| RY197-NSB-A  | 09FC-RY197-NSB-A-002006 | 9/2/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | THALLIUM      | 2.5                 | N           | UJ            | UJ           | U         | 2.5                 | mg/kg | 2.8    | mg/kg |
| RY197-NSB-A  | 09FC-RY197-NSB-A-002006 | 9/2/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | ANTIMONY      | 6                   | Y           | J             |              | J         | 6                   | mg/kg | 2      | mg/kg |
| RY197-NSB-A  | 09FC-RY197-NSB-A-002006 | 9/2/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 10.5   | mg/kg |
| RY197-NSB-A  | 09FC-RY197-NSB-A-002006 | 9/2/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | BARIUM        | 20                  | Y           | J-            | J-           |           | 20                  | mg/kg | 106    | mg/kg |
| RY197-NSB-A  | 09FC-RY197-NSB-A-002006 | 9/2/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | BERYLLIUM     | 0.5                 | N           | UJ            | UJ           | U         | 0.5                 | mg/kg | 0.55   | mg/kg |
| RY197-NSB-A  | 09FC-RY197-NSB-A-002006 | 9/2/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | CADMIUM       | 0.5                 | Y           | J-            | J-           |           | 0.5                 | mg/kg | 0.6    | mg/kg |
| RY197-NSB-A  | 09FC-RY197-NSB-A-002006 | 9/2/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 2.7    | mg/kg |
| RY197-NSB-A  | 09FC-RY197-NSB-A-002006 | 9/2/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | COBALT        | 5                   | Y           | U             | U            | J         | 5                   | mg/kg | 5      | mg/kg |
| RY197-NSB-A  | 09FC-RY197-NSB-A-002006 | 9/2/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 11.3   | mg/kg |
| RY197-NSB-A  | 09FC-RY197-NSB-A-002006 | 9/2/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 6.4    | mg/kg |
| RY197-NSB-A  | 09FC-RY197-NSB-A-002006 | 9/2/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | ZINC          | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 130    | mg/kg |
| RY197-NSB-A  | 09FC-RY197-NSB-A-002006 | 9/2/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 14300  | mg/kg |
| RY197-NSB-A  | 09FC-RY197-NSB-A-002006 | 9/2/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | SELENIUM      | 3.5                 | N           | UJ            | UJ           | U         | 3.5                 | mg/kg | 3.9    | mg/kg |
| RY197-NSB-C  | 09FC-RY197-NSB-C-002006 | 9/2/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 6480   | mg/kg |
| RY197-NSB-C  | 09FC-RY197-NSB-C-002006 | 9/2/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 9610   | mg/kg |
| RY197-NSB-C  | 09FC-RY197-NSB-C-002006 | 9/2/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 160    | mg/kg |
| RY197-NSB-C  | 09FC-RY197-NSB-C-002006 | 9/2/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | MAGNESIUM     | 500                 | Y           | J-            | J-           |           | 500                 | mg/kg | 5400   | mg/kg |
| RY197-NSB-C  | 09FC-RY197-NSB-C-002006 | 9/2/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | MANGANESE     | 1.5                 | Y           | J-            | J-           |           | 1.5                 | mg/kg | 275    | mg/kg |
| RY197-NSB-C  | 09FC-RY197-NSB-C-002006 | 9/2/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 4.7    | mg/kg |
| RY197-NSB-C  | 09FC-RY197-NSB-C-002006 | 9/2/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1200   | mg/kg |
| RY197-NSB-C  | 09FC-RY197-NSB-C-002006 | 9/2/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | SILVER        | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 1.3    | mg/kg |
| RY197-NSB-C  | 09FC-RY197-NSB-C-002006 | 9/2/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 130    | mg/kg |
| RY197-NSB-C  | 09FC-RY197-NSB-C-002006 | 9/2/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | THALLIUM      | 2.5                 | N           | UJ            | UJ           | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY197-NSB-C  | 09FC-RY197-NSB-C-002006 | 9/2/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | ANTIMONY      | 6                   | Y           | J             |              | J         | 6                   | mg/kg | 3      | mg/kg |
| RY197-NSB-C  | 09FC-RY197-NSB-C-002006 | 9/2/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 12.8   | mg/kg |
| RY197-NSB-C  | 09FC-RY197-NSB-C-002006 | 9/2/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | BARIUM        | 20                  | Y           | J-            | J-           |           | 20                  | mg/kg | 79     | mg/kg |
| RY197-NSB-C  | 09FC-RY197-NSB-C-002006 | 9/2/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | BERYLLIUM     | 0.5                 | N           | UJ            | UJ           | U         | 0.5                 | mg/kg | 0.51   | mg/kg |
| RY197-NSB-C  | 09FC-RY197-NSB-C-002006 | 9/2/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | CADMIUM       | 0.5                 | Y           | J-            | J-           |           | 0.5                 | mg/kg | 0.9    | mg/kg |
| RY197-NSB-C  | 09FC-RY197-NSB-C-002006 | 9/2/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 2.4    | mg/kg |
| RY197-NSB-C  | 09FC-RY197-NSB-C-002006 | 9/2/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | COBALT        | 5                   | Y           | U             | U            | J         | 5                   | mg/kg | 5      | mg/kg |
| RY197-NSB-C  | 09FC-RY197-NSB-C-002006 | 9/2/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 14.2   | mg/kg |
| RY197-NSB-C  | 09FC-RY197-NSB-C-002006 | 9/2/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | VANADIUM      | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.7    | mg/kg |
| RY197-NSB-C  | 09FC-RY197-NSB-C-002006 | 9/2/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | ZINC          | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 156    | mg/kg |
| RY197-NSB-C  | 09FC-RY197-NSB-C-002006 | 9/2/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 23000  | mg/kg |
| RY197-NSB-C  | 09FC-RY197-NSB-C-002006 | 9/2/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | SELENIUM      | 3.5                 | N           | UJ            | UJ           | U         | 3.5                 | mg/kg | 3.6    | mg/kg |
| RY197-NSS-C  | 09FC-RY197-NSS-C-000002 | 9/2/2009    | N           | 0           | 2         | in         | C200.7          | 11/30/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 6920   | mg/kg |
| RY197-NSS-C  | 09FC-RY197-NSS-C-000002 | 9/2/2009    | N           | 0           | 2         | in         | C200.7          | 11/30/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 9010   | mg/kg |
| RY197-NSS-C  | 09FC-RY197-NSS-C-000002 | 9/2/2009    | N           | 0           | 2         | in         | C200.7          | 11/30/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 198    | mg/kg |
| RY197-NSS-C  | 09FC-RY197-NSS-C-000002 | 9/2/2009    | N           | 0           | 2         | in         | C200.7          | 11/30/2009    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3290   | mg/kg |
| RY197-NSS-C  | 09FC-RY197-NSS-C-000002 | 9/2/2009    | N           | 0           | 2         | in         | C200.7          | 11/30/2009    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 321    | mg/kg |
| RY197-NSS-C  | 09FC-RY197-NSS-C-000002 | 9/2/2009    | N           | 0           | 2         | in         | C200.7          | 11/30/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 4.2    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY197-NSS-C  | 09FC-RY197-NSS-C-000002 | 9/2/2009    | N           | 0           | 2         | in         | C200.7          | 11/30/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1340   | mg/kg |
| RY197-NSS-C  | 09FC-RY197-NSS-C-000002 | 9/2/2009    | N           | 0           | 2         | in         | C200.7          | 11/30/2009    | SILVER        | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 1.6    | mg/kg |
| RY197-NSS-C  | 09FC-RY197-NSS-C-000002 | 9/2/2009    | N           | 0           | 2         | in         | C200.7          | 11/30/2009    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 124    | mg/kg |
| RY197-NSS-C  | 09FC-RY197-NSS-C-000002 | 9/2/2009    | N           | 0           | 2         | in         | C200.7          | 11/30/2009    | THALLIUM      | 2.5                 | N           | UJ            | UJ           | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY197-NSS-C  | 09FC-RY197-NSS-C-000002 | 9/2/2009    | N           | 0           | 2         | in         | C200.7          | 11/30/2009    | ANTIMONY      | 6                   | Y           | J             |              | J         | 6                   | mg/kg | 3.4    | mg/kg |
| RY197-NSS-C  | 09FC-RY197-NSS-C-000002 | 9/2/2009    | N           | 0           | 2         | in         | C200.7          | 11/30/2009    | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 15.5   | mg/kg |
| RY197-NSS-C  | 09FC-RY197-NSS-C-000002 | 9/2/2009    | N           | 0           | 2         | in         | C200.7          | 11/30/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 103    | mg/kg |
| RY197-NSS-C  | 09FC-RY197-NSS-C-000002 | 9/2/2009    | N           | 0           | 2         | in         | C200.7          | 11/30/2009    | BERYLLIUM     | 0.5                 | N           | UJ            | UJ           | U         | 0.5                 | mg/kg | 0.52   | mg/kg |
| RY197-NSS-C  | 09FC-RY197-NSS-C-000002 | 9/2/2009    | N           | 0           | 2         | in         | C200.7          | 11/30/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 1.2    | mg/kg |
| RY197-NSS-C  | 09FC-RY197-NSS-C-000002 | 9/2/2009    | N           | 0           | 2         | in         | C200.7          | 11/30/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 2.8    | mg/kg |
| RY197-NSS-C  | 09FC-RY197-NSS-C-000002 | 9/2/2009    | N           | 0           | 2         | in         | C200.7          | 11/30/2009    | COBALT        | 5                   | Y           | U             | U            | J         | 5                   | mg/kg | 5      | mg/kg |
| RY197-NSS-C  | 09FC-RY197-NSS-C-000002 | 9/2/2009    | N           | 0           | 2         | in         | C200.7          | 11/30/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 11.1   | mg/kg |
| RY197-NSS-C  | 09FC-RY197-NSS-C-000002 | 9/2/2009    | N           | 0           | 2         | in         | C200.7          | 11/30/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 6      | mg/kg |
| RY197-NSS-C  | 09FC-RY197-NSS-C-000002 | 9/2/2009    | N           | 0           | 2         | in         | C200.7          | 11/30/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 189    | mg/kg |
| RY197-NSS-C  | 09FC-RY197-NSS-C-000002 | 9/2/2009    | N           | 0           | 2         | in         | C200.7          | 11/30/2009    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 11800  | mg/kg |
| RY197-NSS-C  | 09FC-RY197-NSS-C-000002 | 9/2/2009    | N           | 0           | 2         | in         | C200.7          | 11/30/2009    | SELENIUM      | 3.5                 | N           | UJ            | UJ           | U         | 3.5                 | mg/kg | 3.6    | mg/kg |
| RY198-NSB-D  | 09FC-RY198-NSB-D-002006 | 9/1/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 3780   | mg/kg |
| RY198-NSB-D  | 09FC-RY198-NSB-D-002006 | 9/1/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 28300  | mg/kg |
| RY198-NSB-D  | 09FC-RY198-NSB-D-002006 | 9/1/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 3940   | mg/kg |
| RY198-NSB-D  | 09FC-RY198-NSB-D-002006 | 9/1/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1910   | mg/kg |
| RY198-NSB-D  | 09FC-RY198-NSB-D-002006 | 9/1/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 1840   | mg/kg |
| RY198-NSB-D  | 09FC-RY198-NSB-D-002006 | 9/1/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | NICKEL        | 4                   | Y           | U             | U            | J         | 4                   | mg/kg | 4      | mg/kg |
| RY198-NSB-D  | 09FC-RY198-NSB-D-002006 | 9/1/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 861    | mg/kg |
| RY198-NSB-D  | 09FC-RY198-NSB-D-002006 | 9/1/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | SILVER        | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 26.3   | mg/kg |
| RY198-NSB-D  | 09FC-RY198-NSB-D-002006 | 9/1/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 27.9   | mg/kg |
| RY198-NSB-D  | 09FC-RY198-NSB-D-002006 | 9/1/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | THALLIUM      | 2.5                 | N           | UJ            | UJ           | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY198-NSB-D  | 09FC-RY198-NSB-D-002006 | 9/1/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | ANTIMONY      | 6                   | Y           |               |              |           | 6                   | mg/kg | 428    | mg/kg |
| RY198-NSB-D  | 09FC-RY198-NSB-D-002006 | 9/1/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 302    | mg/kg |
| RY198-NSB-D  | 09FC-RY198-NSB-D-002006 | 9/1/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 66.4   | mg/kg |
| RY198-NSB-D  | 09FC-RY198-NSB-D-002006 | 9/1/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | BERYLLIUM     | 0.5                 | N           | UJ            | UJ           | U         | 0.5                 | mg/kg | 0.52   | mg/kg |
| RY198-NSB-D  | 09FC-RY198-NSB-D-002006 | 9/1/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 7.4    | mg/kg |
| RY198-NSB-D  | 09FC-RY198-NSB-D-002006 | 9/1/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | CHROMIUM      | 1                   | Y           | J             |              | J         | 1                   | mg/kg | 1      | mg/kg |
| RY198-NSB-D  | 09FC-RY198-NSB-D-002006 | 9/1/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | COBALT        | 5                   | Y           | U             | U            | J         | 5                   | mg/kg | 5      | mg/kg |
| RY198-NSB-D  | 09FC-RY198-NSB-D-002006 | 9/1/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 19.8   | mg/kg |
| RY198-NSB-D  | 09FC-RY198-NSB-D-002006 | 9/1/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | VANADIUM      | 5                   | Y           | U             | U            | J         | 5                   | mg/kg | 5      | mg/kg |
| RY198-NSB-D  | 09FC-RY198-NSB-D-002006 | 9/1/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 1320   | mg/kg |
| RY198-NSB-D  | 09FC-RY198-NSB-D-002006 | 9/1/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 1180   | mg/kg |
| RY198-NSB-D  | 09FC-RY198-NSB-D-002006 | 9/1/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | SELENIUM      | 3.5                 | N           | UJ            | UJ           | U         | 3.5                 | mg/kg | 3.6    | mg/kg |
| RY198-NSS-D  | 09FC-RY198-NSS-D-000002 | 9/1/2009    | N           | 0           | 2         | in         | C200.7          | 11/30/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 3020   | mg/kg |
| RY198-NSS-D  | 09FC-RY198-NSS-D-000002 | 9/1/2009    | N           | 0           | 2         | in         | C200.7          | 11/30/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 33300  | mg/kg |
| RY198-NSS-D  | 09FC-RY198-NSS-D-000002 | 9/1/2009    | N           | 0           | 2         | in         | C200.7          | 11/30/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 4320   | mg/kg |
| RY198-NSS-D  | 09FC-RY198-NSS-D-000002 | 9/1/2009    | N           | 0           | 2         | in         | C200.7          | 11/30/2009    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2370   | mg/kg |
| RY198-NSS-D  | 09FC-RY198-NSS-D-000002 | 9/1/2009    | N           | 0           | 2         | in         | C200.7          | 11/30/2009    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 2170   | mg/kg |
| RY198-NSS-D  | 09FC-RY198-NSS-D-000002 | 9/1/2009    | N           | 0           | 2         | in         | C200.7          | 11/30/2009    | NICKEL        | 4                   | Y           | U             | U            | J         | 4                   | mg/kg | 4      | mg/kg |
| RY198-NSS-D  | 09FC-RY198-NSS-D-000002 | 9/1/2009    | N           | 0           | 2         | in         | C200.7          | 11/30/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 678    | mg/kg |
| RY198-NSS-D  | 09FC-RY198-NSS-D-000002 | 9/1/2009    | N           | 0           | 2         | in         | C200.7          | 11/30/2009    | SILVER        | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 33.3   | mg/kg |
| RY198-NSS-D  | 09FC-RY198-NSS-D-000002 | 9/1/2009    | N           | 0           | 2         | in         | C200.7          | 11/30/2009    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 29.9   | mg/kg |
| RY198-NSS-D  | 09FC-RY198-NSS-D-000002 | 9/1/2009    | N           | 0           | 2         | in         | C200.7          | 11/30/2009    | THALLIUM      | 2.5                 | N           | UJ            | UJ           | U         | 2.5                 | mg/kg | 2.5    | mg/kg |



Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY198-NSS-D  | 09FC-RY198-NSS-D-000002 | 9/1/2009    | N           | 0           | 2         | in         | C200.7          | 11/30/2009    | ANTIMONY      | 6                   | Y           |               |              |           | 6                   | mg/kg | 359    | mg/kg |
| RY198-NSS-D  | 09FC-RY198-NSS-D-000002 | 9/1/2009    | N           | 0           | 2         | in         | C200.7          | 11/30/2009    | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 584    | mg/kg |
| RY198-NSS-D  | 09FC-RY198-NSS-D-000002 | 9/1/2009    | N           | 0           | 2         | in         | C200.7          | 11/30/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 46.3   | mg/kg |
| RY198-NSS-D  | 09FC-RY198-NSS-D-000002 | 9/1/2009    | N           | 0           | 2         | in         | C200.7          | 11/30/2009    | BERYLLIUM     | 0.5                 | N           | UJ            | UJ           | U         | 0.5                 | mg/kg | 0.51   | mg/kg |
| RY198-NSS-D  | 09FC-RY198-NSS-D-000002 | 9/1/2009    | N           | 0           | 2         | in         | C200.7          | 11/30/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 11.4   | mg/kg |
| RY198-NSS-D  | 09FC-RY198-NSS-D-000002 | 9/1/2009    | N           | 0           | 2         | in         | C200.7          | 11/30/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 1.4    | mg/kg |
| RY198-NSS-D  | 09FC-RY198-NSS-D-000002 | 9/1/2009    | N           | 0           | 2         | in         | C200.7          | 11/30/2009    | COBALT        | 5                   | Y           | U             | U            | J         | 5                   | mg/kg | 5      | mg/kg |
| RY198-NSS-D  | 09FC-RY198-NSS-D-000002 | 9/1/2009    | N           | 0           | 2         | in         | C200.7          | 11/30/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 28.3   | mg/kg |
| RY198-NSS-D  | 09FC-RY198-NSS-D-000002 | 9/1/2009    | N           | 0           | 2         | in         | C200.7          | 11/30/2009    | VANADIUM      | 5                   | Y           | U             | U            | J         | 5                   | mg/kg | 5      | mg/kg |
| RY198-NSS-D  | 09FC-RY198-NSS-D-000002 | 9/1/2009    | N           | 0           | 2         | in         | C200.7          | 11/30/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 2090   | mg/kg |
| RY198-NSS-D  | 09FC-RY198-NSS-D-000002 | 9/1/2009    | N           | 0           | 2         | in         | C200.7          | 11/30/2009    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 3920   | mg/kg |
| RY198-NSS-D  | 09FC-RY198-NSS-D-000002 | 9/1/2009    | N           | 0           | 2         | in         | C200.7          | 11/30/2009    | SELENIUM      | 3.5                 | N           | UJ            | UJ           | U         | 3.5                 | mg/kg | 3.5    | mg/kg |
| RY205-NSB-A  | 09FC-RY205-NSB-A-006012 | 9/2/2009    | N           | 6           | 12        | in         | C200.7          | 11/30/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 6330   | mg/kg |
| RY205-NSB-A  | 09FC-RY205-NSB-A-006012 | 9/2/2009    | N           | 6           | 12        | in         | C200.7          | 11/30/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 7400   | mg/kg |
| RY205-NSB-A  | 09FC-RY205-NSB-A-006012 | 9/2/2009    | N           | 6           | 12        | in         | C200.7          | 11/30/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 20.3   | mg/kg |
| RY205-NSB-A  | 09FC-RY205-NSB-A-006012 | 9/2/2009    | N           | 6           | 12        | in         | C200.7          | 11/30/2009    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2530   | mg/kg |
| RY205-NSB-A  | 09FC-RY205-NSB-A-006012 | 9/2/2009    | N           | 6           | 12        | in         | C200.7          | 11/30/2009    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 232    | mg/kg |
| RY205-NSB-A  | 09FC-RY205-NSB-A-006012 | 9/2/2009    | N           | 6           | 12        | in         | C200.7          | 11/30/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 5.5    | mg/kg |
| RY205-NSB-A  | 09FC-RY205-NSB-A-006012 | 9/2/2009    | N           | 6           | 12        | in         | C200.7          | 11/30/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 990    | mg/kg |
| RY205-NSB-A  | 09FC-RY205-NSB-A-006012 | 9/2/2009    | N           | 6           | 12        | in         | C200.7          | 11/30/2009    | SILVER        | 1                   | N           | UJ            | UJ           | U         | 1                   | mg/kg | 1.2    | mg/kg |
| RY205-NSB-A  | 09FC-RY205-NSB-A-006012 | 9/2/2009    | N           | 6           | 12        | in         | C200.7          | 11/30/2009    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 52.7   | mg/kg |
| RY205-NSB-A  | 09FC-RY205-NSB-A-006012 | 9/2/2009    | N           | 6           | 12        | in         | C200.7          | 11/30/2009    | THALLIUM      | 2.5                 | N           | UJ            | UJ           | U         | 2.5                 | mg/kg | 2.9    | mg/kg |
| RY205-NSB-A  | 09FC-RY205-NSB-A-006012 | 9/2/2009    | N           | 6           | 12        | in         | C200.7          | 11/30/2009    | ANTIMONY      | 6                   | N           | U             |              | U         | 6                   | mg/kg | 6.9    | mg/kg |
| RY205-NSB-A  | 09FC-RY205-NSB-A-006012 | 9/2/2009    | N           | 6           | 12        | in         | C200.7          | 11/30/2009    | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 4.5    | mg/kg |
| RY205-NSB-A  | 09FC-RY205-NSB-A-006012 | 9/2/2009    | N           | 6           | 12        | in         | C200.7          | 11/30/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 88.9   | mg/kg |
| RY205-NSB-A  | 09FC-RY205-NSB-A-006012 | 9/2/2009    | N           | 6           | 12        | in         | C200.7          | 11/30/2009    | BERYLLIUM     | 0.5                 | N           | UJ            | UJ           | U         | 0.5                 | mg/kg | 0.58   | mg/kg |
| RY205-NSB-A  | 09FC-RY205-NSB-A-006012 | 9/2/2009    | N           | 6           | 12        | in         | C200.7          | 11/30/2009    | CADMIUM       | 0.5                 | Y           | U             | U            | J         | 0.5                 | mg/kg | 0.5    | mg/kg |
| RY205-NSB-A  | 09FC-RY205-NSB-A-006012 | 9/2/2009    | N           | 6           | 12        | in         | C200.7          | 11/30/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 4.8    | mg/kg |
| RY205-NSB-A  | 09FC-RY205-NSB-A-006012 | 9/2/2009    | N           | 6           | 12        | in         | C200.7          | 11/30/2009    | COBALT        | 5                   | Y           | U             | U            | J         | 5                   | mg/kg | 5      | mg/kg |
| RY205-NSB-A  | 09FC-RY205-NSB-A-006012 | 9/2/2009    | N           | 6           | 12        | in         | C200.7          | 11/30/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 9.9    | mg/kg |
| RY205-NSB-A  | 09FC-RY205-NSB-A-006012 | 9/2/2009    | N           | 6           | 12        | in         | C200.7          | 11/30/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 9.5    | mg/kg |
| RY205-NSB-A  | 09FC-RY205-NSB-A-006012 | 9/2/2009    | N           | 6           | 12        | in         | C200.7          | 11/30/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 45.1   | mg/kg |
| RY205-NSB-A  | 09FC-RY205-NSB-A-006012 | 9/2/2009    | N           | 6           | 12        | in         | C200.7          | 11/30/2009    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 1640   | mg/kg |
| RY205-NSB-A  | 09FC-RY205-NSB-A-006012 | 9/2/2009    | N           | 6           | 12        | in         | C200.7          | 11/30/2009    | SELENIUM      | 3.5                 | N           | UJ            | UJ           | U         | 3.5                 | mg/kg | 4.1    | mg/kg |
| RY213-DSB-C  | 09FC-RY213-DSB-C-002006 | 9/3/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 5470   | mg/kg |
| RY213-DSB-C  | 09FC-RY213-DSB-C-002006 | 9/3/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 13500  | mg/kg |
| RY213-DSB-C  | 09FC-RY213-DSB-C-002006 | 9/3/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 760    | mg/kg |
| RY213-DSB-C  | 09FC-RY213-DSB-C-002006 | 9/3/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3680   | mg/kg |
| RY213-DSB-C  | 09FC-RY213-DSB-C-002006 | 9/3/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 624    | mg/kg |
| RY213-DSB-C  | 09FC-RY213-DSB-C-002006 | 9/3/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 5.3    | mg/kg |
| RY213-DSB-C  | 09FC-RY213-DSB-C-002006 | 9/3/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1630   | mg/kg |
| RY213-DSB-C  | 09FC-RY213-DSB-C-002006 | 9/3/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | SILVER        | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 5.2    | mg/kg |
| RY213-DSB-C  | 09FC-RY213-DSB-C-002006 | 9/3/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 98     | mg/kg |
| RY213-DSB-C  | 09FC-RY213-DSB-C-002006 | 9/3/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | THALLIUM      | 2.5                 | N           | UJ            | UJ           | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY213-DSB-C  | 09FC-RY213-DSB-C-002006 | 9/3/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | ANTIMONY      | 6                   | Y           |               |              |           | 6                   | mg/kg | 23.2   | mg/kg |
| RY213-DSB-C  | 09FC-RY213-DSB-C-002006 | 9/3/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 144    | mg/kg |
| RY213-DSB-C  | 09FC-RY213-DSB-C-002006 | 9/3/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 72.8   | mg/kg |
| RY213-DSB-C  | 09FC-RY213-DSB-C-002006 | 9/3/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | BERYLLIUM     | 0.5                 | N           | UJ            | UJ           | U         | 0.5                 | mg/kg | 0.52   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY213-DSB-C  | 09FC-RY213-DSB-C-002006 | 9/3/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 7.5    | mg/kg |
| RY213-DSB-C  | 09FC-RY213-DSB-C-002006 | 9/3/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 2.9    | mg/kg |
| RY213-DSB-C  | 09FC-RY213-DSB-C-002006 | 9/3/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | COBALT        | 5                   | Y           | U             | U            | J         | 5                   | mg/kg | 5      | mg/kg |
| RY213-DSB-C  | 09FC-RY213-DSB-C-002006 | 9/3/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 17.8   | mg/kg |
| RY213-DSB-C  | 09FC-RY213-DSB-C-002006 | 9/3/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | VANADIUM      | 5                   | Y           | U             | U            | J         | 5                   | mg/kg | 5      | mg/kg |
| RY213-DSB-C  | 09FC-RY213-DSB-C-002006 | 9/3/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 1180   | mg/kg |
| RY213-DSB-C  | 09FC-RY213-DSB-C-002006 | 9/3/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 19600  | mg/kg |
| RY213-DSB-C  | 09FC-RY213-DSB-C-002006 | 9/3/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | SELENIUM      | 3.5                 | N           | UJ            | UJ           | U         | 3.5                 | mg/kg | 3.7    | mg/kg |
| RY213-NSB-B  | 09FC-RY213-NSB-B-002006 | 9/3/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 6600   | mg/kg |
| RY213-NSB-B  | 09FC-RY213-NSB-B-002006 | 9/3/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 26100  | mg/kg |
| RY213-NSB-B  | 09FC-RY213-NSB-B-002006 | 9/3/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 1190   | mg/kg |
| RY213-NSB-B  | 09FC-RY213-NSB-B-002006 | 9/3/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 4320   | mg/kg |
| RY213-NSB-B  | 09FC-RY213-NSB-B-002006 | 9/3/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 788    | mg/kg |
| RY213-NSB-B  | 09FC-RY213-NSB-B-002006 | 9/3/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 11     | mg/kg |
| RY213-NSB-B  | 09FC-RY213-NSB-B-002006 | 9/3/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | POTASSIUM     | 500                 | Y           | J-            | J-           |           | 500                 | mg/kg | 2040   | mg/kg |
| RY213-NSB-B  | 09FC-RY213-NSB-B-002006 | 9/3/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | SILVER        | 1                   | Y           |               |              |           | 1                   | mg/kg | 6.1    | mg/kg |
| RY213-NSB-B  | 09FC-RY213-NSB-B-002006 | 9/3/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY213-NSB-B  | 09FC-RY213-NSB-B-002006 | 9/3/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY213-NSB-B  | 09FC-RY213-NSB-B-002006 | 9/3/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | ANTIMONY      | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 103    | mg/kg |
| RY213-NSB-B  | 09FC-RY213-NSB-B-002006 | 9/3/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 144    | mg/kg |
| RY213-NSB-B  | 09FC-RY213-NSB-B-002006 | 9/3/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 105    | mg/kg |
| RY213-NSB-B  | 09FC-RY213-NSB-B-002006 | 9/3/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.4    | mg/kg |
| RY213-NSB-B  | 09FC-RY213-NSB-B-002006 | 9/3/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 4.9    | mg/kg |
| RY213-NSB-B  | 09FC-RY213-NSB-B-002006 | 9/3/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 6      | mg/kg |
| RY213-NSB-B  | 09FC-RY213-NSB-B-002006 | 9/3/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 6.1    | mg/kg |
| RY213-NSB-B  | 09FC-RY213-NSB-B-002006 | 9/3/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | COPPER        | 2.5                 | Y           | J             | J            |           | 2.5                 | mg/kg | 51.1   | mg/kg |
| RY213-NSB-B  | 09FC-RY213-NSB-B-002006 | 9/3/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 7.7    | mg/kg |
| RY213-NSB-B  | 09FC-RY213-NSB-B-002006 | 9/3/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 1120   | mg/kg |
| RY213-NSB-B  | 09FC-RY213-NSB-B-002006 | 9/3/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 19500  | mg/kg |
| RY213-NSB-B  | 09FC-RY213-NSB-B-002006 | 9/3/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 1.1    | mg/kg |
| RY213-NSB-B  | 09FC-RY213-NSB-B-006012 | 9/3/2009    | N           | 6           | 12        | in         | C200.7          | 11/30/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 4880   | mg/kg |
| RY213-NSB-B  | 09FC-RY213-NSB-B-006012 | 9/3/2009    | N           | 6           | 12        | in         | C200.7          | 11/30/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 19700  | mg/kg |
| RY213-NSB-B  | 09FC-RY213-NSB-B-006012 | 9/3/2009    | N           | 6           | 12        | in         | C200.7          | 11/30/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 1960   | mg/kg |
| RY213-NSB-B  | 09FC-RY213-NSB-B-006012 | 9/3/2009    | N           | 6           | 12        | in         | C200.7          | 11/30/2009    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2980   | mg/kg |
| RY213-NSB-B  | 09FC-RY213-NSB-B-006012 | 9/3/2009    | N           | 6           | 12        | in         | C200.7          | 11/30/2009    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 1270   | mg/kg |
| RY213-NSB-B  | 09FC-RY213-NSB-B-006012 | 9/3/2009    | N           | 6           | 12        | in         | C200.7          | 11/30/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 5.4    | mg/kg |
| RY213-NSB-B  | 09FC-RY213-NSB-B-006012 | 9/3/2009    | N           | 6           | 12        | in         | C200.7          | 11/30/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1480   | mg/kg |
| RY213-NSB-B  | 09FC-RY213-NSB-B-006012 | 9/3/2009    | N           | 6           | 12        | in         | C200.7          | 11/30/2009    | SILVER        | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 20.3   | mg/kg |
| RY213-NSB-B  | 09FC-RY213-NSB-B-006012 | 9/3/2009    | N           | 6           | 12        | in         | C200.7          | 11/30/2009    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 86.8   | mg/kg |
| RY213-NSB-B  | 09FC-RY213-NSB-B-006012 | 9/3/2009    | N           | 6           | 12        | in         | C200.7          | 11/30/2009    | THALLIUM      | 2.5                 | N           | UJ            | UJ           | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY213-NSB-B  | 09FC-RY213-NSB-B-006012 | 9/3/2009    | N           | 6           | 12        | in         | C200.7          | 11/30/2009    | ANTIMONY      | 6                   | Y           |               |              |           | 6                   | mg/kg | 135    | mg/kg |
| RY213-NSB-B  | 09FC-RY213-NSB-B-006012 | 9/3/2009    | N           | 6           | 12        | in         | C200.7          | 11/30/2009    | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 169    | mg/kg |
| RY213-NSB-B  | 09FC-RY213-NSB-B-006012 | 9/3/2009    | N           | 6           | 12        | in         | C200.7          | 11/30/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 69.4   | mg/kg |
| RY213-NSB-B  | 09FC-RY213-NSB-B-006012 | 9/3/2009    | N           | 6           | 12        | in         | C200.7          | 11/30/2009    | BERYLLIUM     | 0.5                 | N           | UJ            | UJ           | U         | 0.5                 | mg/kg | 0.52   | mg/kg |
| RY213-NSB-B  | 09FC-RY213-NSB-B-006012 | 9/3/2009    | N           | 6           | 12        | in         | C200.7          | 11/30/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 22.3   | mg/kg |
| RY213-NSB-B  | 09FC-RY213-NSB-B-006012 | 9/3/2009    | N           | 6           | 12        | in         | C200.7          | 11/30/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 1.8    | mg/kg |
| RY213-NSB-B  | 09FC-RY213-NSB-B-006012 | 9/3/2009    | N           | 6           | 12        | in         | C200.7          | 11/30/2009    | COBALT        | 5                   | Y           | U             | U            | J         | 5                   | mg/kg | 5      | mg/kg |
| RY213-NSB-B  | 09FC-RY213-NSB-B-006012 | 9/3/2009    | N           | 6           | 12        | in         | C200.7          | 11/30/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 19.3   | mg/kg |

## Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY213-NSB-B  | 09FC-RY213-NSB-B-006012 | 9/3/2009    | N           | 6           | 12        | in         | C200.7          | 11/30/2009    | VANADIUM      | 5                   | Y           | U             | U            | J         | 5                   | mg/kg | 5      | mg/kg |
| RY213-NSB-B  | 09FC-RY213-NSB-B-006012 | 9/3/2009    | N           | 6           | 12        | in         | C200.7          | 11/30/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 2970   | mg/kg |
| RY213-NSB-B  | 09FC-RY213-NSB-B-006012 | 9/3/2009    | N           | 6           | 12        | in         | C200.7          | 11/30/2009    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 17600  | mg/kg |
| RY213-NSB-B  | 09FC-RY213-NSB-B-006012 | 9/3/2009    | N           | 6           | 12        | in         | C200.7          | 11/30/2009    | SELENIUM      | 3.5                 | N           | UJ            | UJ           | U         | 3.5                 | mg/kg | 3.7    | mg/kg |
| RY213-NSS-B  | 09FC-RY213-NSS-B-000002 | 9/3/2009    | N           | 0           | 2         | in         | C200.7          | 11/30/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 4450   | mg/kg |
| RY213-NSS-B  | 09FC-RY213-NSS-B-000002 | 9/3/2009    | N           | 0           | 2         | in         | C200.7          | 11/30/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 13700  | mg/kg |
| RY213-NSS-B  | 09FC-RY213-NSS-B-000002 | 9/3/2009    | N           | 0           | 2         | in         | C200.7          | 11/30/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 717    | mg/kg |
| RY213-NSS-B  | 09FC-RY213-NSS-B-000002 | 9/3/2009    | N           | 0           | 2         | in         | C200.7          | 11/30/2009    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3440   | mg/kg |
| RY213-NSS-B  | 09FC-RY213-NSS-B-000002 | 9/3/2009    | N           | 0           | 2         | in         | C200.7          | 11/30/2009    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 569    | mg/kg |
| RY213-NSS-B  | 09FC-RY213-NSS-B-000002 | 9/3/2009    | N           | 0           | 2         | in         | C200.7          | 11/30/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 4.7    | mg/kg |
| RY213-NSS-B  | 09FC-RY213-NSS-B-000002 | 9/3/2009    | N           | 0           | 2         | in         | C200.7          | 11/30/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1360   | mg/kg |
| RY213-NSS-B  | 09FC-RY213-NSS-B-000002 | 9/3/2009    | N           | 0           | 2         | in         | C200.7          | 11/30/2009    | SILVER        | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 9.2    | mg/kg |
| RY213-NSS-B  | 09FC-RY213-NSS-B-000002 | 9/3/2009    | N           | 0           | 2         | in         | C200.7          | 11/30/2009    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 71.7   | mg/kg |
| RY213-NSS-B  | 09FC-RY213-NSS-B-000002 | 9/3/2009    | N           | 0           | 2         | in         | C200.7          | 11/30/2009    | THALLIUM      | 2.5                 | N           | UJ            | UJ           | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY213-NSS-B  | 09FC-RY213-NSS-B-000002 | 9/3/2009    | N           | 0           | 2         | in         | C200.7          | 11/30/2009    | ANTIMONY      | 6                   | Y           |               |              |           | 6                   | mg/kg | 32.2   | mg/kg |
| RY213-NSS-B  | 09FC-RY213-NSS-B-000002 | 9/3/2009    | N           | 0           | 2         | in         | C200.7          | 11/30/2009    | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 119    | mg/kg |
| RY213-NSS-B  | 09FC-RY213-NSS-B-000002 | 9/3/2009    | N           | 0           | 2         | in         | C200.7          | 11/30/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 76.6   | mg/kg |
| RY213-NSS-B  | 09FC-RY213-NSS-B-000002 | 9/3/2009    | N           | 0           | 2         | in         | C200.7          | 11/30/2009    | BERYLLIUM     | 0.5                 | N           | UJ            | UJ           | U         | 0.5                 | mg/kg | 0.52   | mg/kg |
| RY213-NSS-B  | 09FC-RY213-NSS-B-000002 | 9/3/2009    | N           | 0           | 2         | in         | C200.7          | 11/30/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 49.5   | mg/kg |
| RY213-NSS-B  | 09FC-RY213-NSS-B-000002 | 9/3/2009    | N           | 0           | 2         | in         | C200.7          | 11/30/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 2.2    | mg/kg |
| RY213-NSS-B  | 09FC-RY213-NSS-B-000002 | 9/3/2009    | N           | 0           | 2         | in         | C200.7          | 11/30/2009    | COBALT        | 5                   | Y           | U             | U            | J         | 5                   | mg/kg | 5      | mg/kg |
| RY213-NSS-B  | 09FC-RY213-NSS-B-000002 | 9/3/2009    | N           | 0           | 2         | in         | C200.7          | 11/30/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 18     | mg/kg |
| RY213-NSS-B  | 09FC-RY213-NSS-B-000002 | 9/3/2009    | N           | 0           | 2         | in         | C200.7          | 11/30/2009    | VANADIUM      | 5                   | Y           | U             | U            | J         | 5                   | mg/kg | 5      | mg/kg |
| RY213-NSS-B  | 09FC-RY213-NSS-B-000002 | 9/3/2009    | N           | 0           | 2         | in         | C200.7          | 11/30/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 14300  | mg/kg |
| RY213-NSS-B  | 09FC-RY213-NSS-B-000002 | 9/3/2009    | N           | 0           | 2         | in         | C200.7          | 11/30/2009    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 16300  | mg/kg |
| RY213-NSS-B  | 09FC-RY213-NSS-B-000002 | 9/3/2009    | N           | 0           | 2         | in         | C200.7          | 11/30/2009    | SELENIUM      | 3.5                 | N           | UJ            | UJ           | U         | 3.5                 | mg/kg | 3.6    | mg/kg |
| RY221-NSB-D  | 09FC-RY221-NSB-D-002006 | 9/3/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 4660   | mg/kg |
| RY221-NSB-D  | 09FC-RY221-NSB-D-002006 | 9/3/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 9830   | mg/kg |
| RY221-NSB-D  | 09FC-RY221-NSB-D-002006 | 9/3/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 268    | mg/kg |
| RY221-NSB-D  | 09FC-RY221-NSB-D-002006 | 9/3/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3740   | mg/kg |
| RY221-NSB-D  | 09FC-RY221-NSB-D-002006 | 9/3/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 366    | mg/kg |
| RY221-NSB-D  | 09FC-RY221-NSB-D-002006 | 9/3/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 5.9    | mg/kg |
| RY221-NSB-D  | 09FC-RY221-NSB-D-002006 | 9/3/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 874    | mg/kg |
| RY221-NSB-D  | 09FC-RY221-NSB-D-002006 | 9/3/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | SILVER        | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 1.9    | mg/kg |
| RY221-NSB-D  | 09FC-RY221-NSB-D-002006 | 9/3/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 71.8   | mg/kg |
| RY221-NSB-D  | 09FC-RY221-NSB-D-002006 | 9/3/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | THALLIUM      | 2.5                 | N           | UJ            | UJ           | U         | 2.5                 | mg/kg | 2.7    | mg/kg |
| RY221-NSB-D  | 09FC-RY221-NSB-D-002006 | 9/3/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | ANTIMONY      | 6                   | Y           | J             |              | J         | 6                   | mg/kg | 5.6    | mg/kg |
| RY221-NSB-D  | 09FC-RY221-NSB-D-002006 | 9/3/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 25.1   | mg/kg |
| RY221-NSB-D  | 09FC-RY221-NSB-D-002006 | 9/3/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 85.4   | mg/kg |
| RY221-NSB-D  | 09FC-RY221-NSB-D-002006 | 9/3/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | BERYLLIUM     | 0.5                 | N           | UJ            | UJ           | U         | 0.5                 | mg/kg | 0.55   | mg/kg |
| RY221-NSB-D  | 09FC-RY221-NSB-D-002006 | 9/3/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 1.4    | mg/kg |
| RY221-NSB-D  | 09FC-RY221-NSB-D-002006 | 9/3/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 4.9    | mg/kg |
| RY221-NSB-D  | 09FC-RY221-NSB-D-002006 | 9/3/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | COBALT        | 5                   | Y           | U             | U            | J         | 5                   | mg/kg | 5      | mg/kg |
| RY221-NSB-D  | 09FC-RY221-NSB-D-002006 | 9/3/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 16.7   | mg/kg |
| RY221-NSB-D  | 09FC-RY221-NSB-D-002006 | 9/3/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 6.3    | mg/kg |
| RY221-NSB-D  | 09FC-RY221-NSB-D-002006 | 9/3/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 304    | mg/kg |
| RY221-NSB-D  | 09FC-RY221-NSB-D-002006 | 9/3/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 8360   | mg/kg |
| RY221-NSB-D  | 09FC-RY221-NSB-D-002006 | 9/3/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | SELENIUM      | 3.5                 | N           | UJ            | UJ           | U         | 3.5                 | mg/kg | 3.8    | mg/kg |

## Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY224-NSB-D  | 09FC-RY224-NSB-D-002006 | 9/8/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 11800  | mg/kg |
| RY224-NSB-D  | 09FC-RY224-NSB-D-002006 | 9/8/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 9820   | mg/kg |
| RY224-NSB-D  | 09FC-RY224-NSB-D-002006 | 9/8/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 120    | mg/kg |
| RY224-NSB-D  | 09FC-RY224-NSB-D-002006 | 9/8/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3690   | mg/kg |
| RY224-NSB-D  | 09FC-RY224-NSB-D-002006 | 9/8/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 441    | mg/kg |
| RY224-NSB-D  | 09FC-RY224-NSB-D-002006 | 9/8/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 5.9    | mg/kg |
| RY224-NSB-D  | 09FC-RY224-NSB-D-002006 | 9/8/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1140   | mg/kg |
| RY224-NSB-D  | 09FC-RY224-NSB-D-002006 | 9/8/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | SILVER        | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 1.5    | mg/kg |
| RY224-NSB-D  | 09FC-RY224-NSB-D-002006 | 9/8/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 87     | mg/kg |
| RY224-NSB-D  | 09FC-RY224-NSB-D-002006 | 9/8/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | THALLIUM      | 2.5                 | N           | UJ            | UJ           | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY224-NSB-D  | 09FC-RY224-NSB-D-002006 | 9/8/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | ANTIMONY      | 6                   | Y           | J             |              | J         | 6                   | mg/kg | 4      | mg/kg |
| RY224-NSB-D  | 09FC-RY224-NSB-D-002006 | 9/8/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 27.7   | mg/kg |
| RY224-NSB-D  | 09FC-RY224-NSB-D-002006 | 9/8/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 137    | mg/kg |
| RY224-NSB-D  | 09FC-RY224-NSB-D-002006 | 9/8/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | BERYLLIUM     | 0.5                 | N           | UJ            | UJ           | U         | 0.5                 | mg/kg | 0.52   | mg/kg |
| RY224-NSB-D  | 09FC-RY224-NSB-D-002006 | 9/8/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 0.73   | mg/kg |
| RY224-NSB-D  | 09FC-RY224-NSB-D-002006 | 9/8/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 5.3    | mg/kg |
| RY224-NSB-D  | 09FC-RY224-NSB-D-002006 | 9/8/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | COBALT        | 5                   | Y           | U             | U            | J         | 5                   | mg/kg | 5      | mg/kg |
| RY224-NSB-D  | 09FC-RY224-NSB-D-002006 | 9/8/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 8.3    | mg/kg |
| RY224-NSB-D  | 09FC-RY224-NSB-D-002006 | 9/8/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 11.7   | mg/kg |
| RY224-NSB-D  | 09FC-RY224-NSB-D-002006 | 9/8/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 150    | mg/kg |
| RY224-NSB-D  | 09FC-RY224-NSB-D-002006 | 9/8/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 7520   | mg/kg |
| RY224-NSB-D  | 09FC-RY224-NSB-D-002006 | 9/8/2009    | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | SELENIUM      | 3.5                 | N           | UJ            | UJ           | U         | 3.5                 | mg/kg | 3.7    | mg/kg |
| RY224-NSB-D  | 09FC-RY224-NSB-D-006012 | 9/8/2009    | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | ALUMINUM      | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 9460   | mg/kg |
| RY224-NSB-D  | 09FC-RY224-NSB-D-006012 | 9/8/2009    | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 12300  | mg/kg |
| RY224-NSB-D  | 09FC-RY224-NSB-D-006012 | 9/8/2009    | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 309    | mg/kg |
| RY224-NSB-D  | 09FC-RY224-NSB-D-006012 | 9/8/2009    | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 3300   | mg/kg |
| RY224-NSB-D  | 09FC-RY224-NSB-D-006012 | 9/8/2009    | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | MANGANESE     | 1.5                 | Y           | J-            | J-           |           | 1.5                 | mg/kg | 477    | mg/kg |
| RY224-NSB-D  | 09FC-RY224-NSB-D-006012 | 9/8/2009    | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 4.9    | mg/kg |
| RY224-NSB-D  | 09FC-RY224-NSB-D-006012 | 9/8/2009    | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | POTASSIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 1100   | mg/kg |
| RY224-NSB-D  | 09FC-RY224-NSB-D-006012 | 9/8/2009    | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | SILVER        | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 1.5    | mg/kg |
| RY224-NSB-D  | 09FC-RY224-NSB-D-006012 | 9/8/2009    | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 64     | mg/kg |
| RY224-NSB-D  | 09FC-RY224-NSB-D-006012 | 9/8/2009    | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY224-NSB-D  | 09FC-RY224-NSB-D-006012 | 9/8/2009    | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | ANTIMONY      | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 40     | mg/kg |
| RY224-NSB-D  | 09FC-RY224-NSB-D-006012 | 9/8/2009    | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 44.7   | mg/kg |
| RY224-NSB-D  | 09FC-RY224-NSB-D-006012 | 9/8/2009    | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | BARIUM        | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 113    | mg/kg |
| RY224-NSB-D  | 09FC-RY224-NSB-D-006012 | 9/8/2009    | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | BERYLLIUM     | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.52   | mg/kg |
| RY224-NSB-D  | 09FC-RY224-NSB-D-006012 | 9/8/2009    | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 1.6    | mg/kg |
| RY224-NSB-D  | 09FC-RY224-NSB-D-006012 | 9/8/2009    | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 4.7    | mg/kg |
| RY224-NSB-D  | 09FC-RY224-NSB-D-006012 | 9/8/2009    | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 3.9    | mg/kg |
| RY224-NSB-D  | 09FC-RY224-NSB-D-006012 | 9/8/2009    | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | COPPER        | 2.5                 | Y           | J             | J            |           | 2.5                 | mg/kg | 8.9    | mg/kg |
| RY224-NSB-D  | 09FC-RY224-NSB-D-006012 | 9/8/2009    | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 10.1   | mg/kg |
| RY224-NSB-D  | 09FC-RY224-NSB-D-006012 | 9/8/2009    | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | ZINC          | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 368    | mg/kg |
| RY224-NSB-D  | 09FC-RY224-NSB-D-006012 | 9/8/2009    | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 4600   | mg/kg |
| RY224-NSB-D  | 09FC-RY224-NSB-D-006012 | 9/8/2009    | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.7    | mg/kg |
| RY224-NSS-D  | 09FC-RY224-NSS-D-000002 | 9/8/2009    | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | ALUMINUM      | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 5520   | mg/kg |
| RY224-NSS-D  | 09FC-RY224-NSS-D-000002 | 9/8/2009    | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 10300  | mg/kg |
| RY224-NSS-D  | 09FC-RY224-NSS-D-000002 | 9/8/2009    | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 261    | mg/kg |
| RY224-NSS-D  | 09FC-RY224-NSS-D-000002 | 9/8/2009    | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 3980   | mg/kg |

## Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY224-NSS-D  | 09FC-RY224-NSS-D-000002 | 9/8/2009    | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | MANGANESE     | 1.5                 | Y           | J-            | J-           |           | 1.5                 | mg/kg | 367    | mg/kg |
| RY224-NSS-D  | 09FC-RY224-NSS-D-000002 | 9/8/2009    | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 5.8    | mg/kg |
| RY224-NSS-D  | 09FC-RY224-NSS-D-000002 | 9/8/2009    | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | POTASSIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 975    | mg/kg |
| RY224-NSS-D  | 09FC-RY224-NSS-D-000002 | 9/8/2009    | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | SILVER        | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 1.5    | mg/kg |
| RY224-NSS-D  | 09FC-RY224-NSS-D-000002 | 9/8/2009    | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 63.5   | mg/kg |
| RY224-NSS-D  | 09FC-RY224-NSS-D-000002 | 9/8/2009    | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY224-NSS-D  | 09FC-RY224-NSS-D-000002 | 9/8/2009    | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | ANTIMONY      | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 12.2   | mg/kg |
| RY224-NSS-D  | 09FC-RY224-NSS-D-000002 | 9/8/2009    | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 36.4   | mg/kg |
| RY224-NSS-D  | 09FC-RY224-NSS-D-000002 | 9/8/2009    | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | BARIUM        | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 101    | mg/kg |
| RY224-NSS-D  | 09FC-RY224-NSS-D-000002 | 9/8/2009    | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | BERYLLIUM     | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.51   | mg/kg |
| RY224-NSS-D  | 09FC-RY224-NSS-D-000002 | 9/8/2009    | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 1.8    | mg/kg |
| RY224-NSS-D  | 09FC-RY224-NSS-D-000002 | 9/8/2009    | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 5.6    | mg/kg |
| RY224-NSS-D  | 09FC-RY224-NSS-D-000002 | 9/8/2009    | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 3.8    | mg/kg |
| RY224-NSS-D  | 09FC-RY224-NSS-D-000002 | 9/8/2009    | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | COPPER        | 2.5                 | Y           | J             | J            |           | 2.5                 | mg/kg | 10.9   | mg/kg |
| RY224-NSS-D  | 09FC-RY224-NSS-D-000002 | 9/8/2009    | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 6.1    | mg/kg |
| RY224-NSS-D  | 09FC-RY224-NSS-D-000002 | 9/8/2009    | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | ZINC          | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 331    | mg/kg |
| RY224-NSS-D  | 09FC-RY224-NSS-D-000002 | 9/8/2009    | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 11000  | mg/kg |
| RY224-NSS-D  | 09FC-RY224-NSS-D-000002 | 9/8/2009    | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.6    | mg/kg |
| RY234-NSB-D  | 09FC-RY234-NSB-D-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 6930   | mg/kg |
| RY234-NSB-D  | 09FC-RY234-NSB-D-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 10700  | mg/kg |
| RY234-NSB-D  | 09FC-RY234-NSB-D-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 30.8   | mg/kg |
| RY234-NSB-D  | 09FC-RY234-NSB-D-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2550   | mg/kg |
| RY234-NSB-D  | 09FC-RY234-NSB-D-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 308    | mg/kg |
| RY234-NSB-D  | 09FC-RY234-NSB-D-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.4    | mg/kg |
| RY234-NSB-D  | 09FC-RY234-NSB-D-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | POTASSIUM     | 500                 | Y           | J-            | J-           |           | 500                 | mg/kg | 1200   | mg/kg |
| RY234-NSB-D  | 09FC-RY234-NSB-D-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 0.99   | mg/kg |
| RY234-NSB-D  | 09FC-RY234-NSB-D-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY234-NSB-D  | 09FC-RY234-NSB-D-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.5    | mg/kg |
| RY234-NSB-D  | 09FC-RY234-NSB-D-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | ANTIMONY      | 6                   | Y           | J             | J            | J         | 6                   | mg/kg | 2.2    | mg/kg |
| RY234-NSB-D  | 09FC-RY234-NSB-D-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 45.8   | mg/kg |
| RY234-NSB-D  | 09FC-RY234-NSB-D-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 109    | mg/kg |
| RY234-NSB-D  | 09FC-RY234-NSB-D-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.35   | mg/kg |
| RY234-NSB-D  | 09FC-RY234-NSB-D-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | CADMIUM       | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.49   | mg/kg |
| RY234-NSB-D  | 09FC-RY234-NSB-D-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 6.9    | mg/kg |
| RY234-NSB-D  | 09FC-RY234-NSB-D-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.4    | mg/kg |
| RY234-NSB-D  | 09FC-RY234-NSB-D-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | COPPER        | 2.5                 | Y           | J             | J            |           | 2.5                 | mg/kg | 9.2    | mg/kg |
| RY234-NSB-D  | 09FC-RY234-NSB-D-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 15.6   | mg/kg |
| RY234-NSB-D  | 09FC-RY234-NSB-D-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 57     | mg/kg |
| RY234-NSB-D  | 09FC-RY234-NSB-D-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 2760   | mg/kg |
| RY234-NSB-D  | 09FC-RY234-NSB-D-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.6    | mg/kg |
| RY234-NSB-D  | 09FC-RY234-NSB-D-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 7040   | mg/kg |
| RY234-NSB-D  | 09FC-RY234-NSB-D-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 10200  | mg/kg |
| RY234-NSB-D  | 09FC-RY234-NSB-D-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 16.3   | mg/kg |
| RY234-NSB-D  | 09FC-RY234-NSB-D-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2600   | mg/kg |
| RY234-NSB-D  | 09FC-RY234-NSB-D-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 336    | mg/kg |
| RY234-NSB-D  | 09FC-RY234-NSB-D-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.1    | mg/kg |
| RY234-NSB-D  | 09FC-RY234-NSB-D-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | POTASSIUM     | 500                 | Y           | J-            | J-           |           | 500                 | mg/kg | 1160   | mg/kg |
| RY234-NSB-D  | 09FC-RY234-NSB-D-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 0.81   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY234-NSB-D  | 09FC-RY234-NSB-D-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY234-NSB-D  | 09FC-RY234-NSB-D-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2      | mg/kg |
| RY234-NSB-D  | 09FC-RY234-NSB-D-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | ANTIMONY      | 6                   | Y           | J             | J            | J         | 6                   | mg/kg | 4.4    | mg/kg |
| RY234-NSB-D  | 09FC-RY234-NSB-D-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 326    | mg/kg |
| RY234-NSB-D  | 09FC-RY234-NSB-D-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 112    | mg/kg |
| RY234-NSB-D  | 09FC-RY234-NSB-D-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.34   | mg/kg |
| RY234-NSB-D  | 09FC-RY234-NSB-D-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | CADMIUM       | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.41   | mg/kg |
| RY234-NSB-D  | 09FC-RY234-NSB-D-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 6.5    | mg/kg |
| RY234-NSB-D  | 09FC-RY234-NSB-D-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 4.8    | mg/kg |
| RY234-NSB-D  | 09FC-RY234-NSB-D-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | COPPER        | 2.5                 | Y           | J             | J            |           | 2.5                 | mg/kg | 7.9    | mg/kg |
| RY234-NSB-D  | 09FC-RY234-NSB-D-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 14.7   | mg/kg |
| RY234-NSB-D  | 09FC-RY234-NSB-D-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 48.8   | mg/kg |
| RY234-NSB-D  | 09FC-RY234-NSB-D-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 2320   | mg/kg |
| RY234-NSB-D  | 09FC-RY234-NSB-D-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.86   | mg/kg |
| RY235-DSB-A  | 09FC-RY235-DSB-A-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 8270   | mg/kg |
| RY235-DSB-A  | 09FC-RY235-DSB-A-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 11600  | mg/kg |
| RY235-DSB-A  | 09FC-RY235-DSB-A-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 16.5   | mg/kg |
| RY235-DSB-A  | 09FC-RY235-DSB-A-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3990   | mg/kg |
| RY235-DSB-A  | 09FC-RY235-DSB-A-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 313    | mg/kg |
| RY235-DSB-A  | 09FC-RY235-DSB-A-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 8.5    | mg/kg |
| RY235-DSB-A  | 09FC-RY235-DSB-A-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1190   | mg/kg |
| RY235-DSB-A  | 09FC-RY235-DSB-A-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 1      | mg/kg |
| RY235-DSB-A  | 09FC-RY235-DSB-A-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY235-DSB-A  | 09FC-RY235-DSB-A-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.5    | mg/kg |
| RY235-DSB-A  | 09FC-RY235-DSB-A-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | ANTIMONY      | 6                   | Y           | J             | J            | J         | 6                   | mg/kg | 0.99   | mg/kg |
| RY235-DSB-A  | 09FC-RY235-DSB-A-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 4      | mg/kg |
| RY235-DSB-A  | 09FC-RY235-DSB-A-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 150    | mg/kg |
| RY235-DSB-A  | 09FC-RY235-DSB-A-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.5    | mg/kg |
| RY235-DSB-A  | 09FC-RY235-DSB-A-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | CADMIUM       | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.5    | mg/kg |
| RY235-DSB-A  | 09FC-RY235-DSB-A-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 10.6   | mg/kg |
| RY235-DSB-A  | 09FC-RY235-DSB-A-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 5.7    | mg/kg |
| RY235-DSB-A  | 09FC-RY235-DSB-A-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | COPPER        | 2.5                 | Y           | J             | J            |           | 2.5                 | mg/kg | 12.3   | mg/kg |
| RY235-DSB-A  | 09FC-RY235-DSB-A-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 15.2   | mg/kg |
| RY235-DSB-A  | 09FC-RY235-DSB-A-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 48.1   | mg/kg |
| RY235-DSB-A  | 09FC-RY235-DSB-A-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 4980   | mg/kg |
| RY235-DSB-A  | 09FC-RY235-DSB-A-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.85   | mg/kg |
| RY240-NSB-B  | 09FC-RY240-NSB-B-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | ALUMINUM      | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 4800   | mg/kg |
| RY240-NSB-B  | 09FC-RY240-NSB-B-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 26100  | mg/kg |
| RY240-NSB-B  | 09FC-RY240-NSB-B-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 4340   | mg/kg |
| RY240-NSB-B  | 09FC-RY240-NSB-B-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 2720   | mg/kg |
| RY240-NSB-B  | 09FC-RY240-NSB-B-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | MANGANESE     | 1.5                 | Y           | J-            | J-           |           | 1.5                 | mg/kg | 1780   | mg/kg |
| RY240-NSB-B  | 09FC-RY240-NSB-B-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | NICKEL        | 4                   | Y           | J             |              | J         | 4                   | mg/kg | 3.7    | mg/kg |
| RY240-NSB-B  | 09FC-RY240-NSB-B-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | POTASSIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 1040   | mg/kg |
| RY240-NSB-B  | 09FC-RY240-NSB-B-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | SILVER        | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 45.9   | mg/kg |
| RY240-NSB-B  | 09FC-RY240-NSB-B-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 38.5   | mg/kg |
| RY240-NSB-B  | 09FC-RY240-NSB-B-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY240-NSB-B  | 09FC-RY240-NSB-B-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | ANTIMONY      | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 276    | mg/kg |
| RY240-NSB-B  | 09FC-RY240-NSB-B-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 434    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY240-NSB-B  | 09FC-RY240-NSB-B-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | BARIUM        | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 91.4   | mg/kg |
| RY240-NSB-B  | 09FC-RY240-NSB-B-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | BERYLLIUM     | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.52   | mg/kg |
| RY240-NSB-B  | 09FC-RY240-NSB-B-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 25     | mg/kg |
| RY240-NSB-B  | 09FC-RY240-NSB-B-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 2.9    | mg/kg |
| RY240-NSB-B  | 09FC-RY240-NSB-B-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 3.5    | mg/kg |
| RY240-NSB-B  | 09FC-RY240-NSB-B-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | COPPER        | 2.5                 | Y           | J             | J            |           | 2.5                 | mg/kg | 43.1   | mg/kg |
| RY240-NSB-B  | 09FC-RY240-NSB-B-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 5.8    | mg/kg |
| RY240-NSB-B  | 09FC-RY240-NSB-B-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | ZINC          | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 3500   | mg/kg |
| RY240-NSB-B  | 09FC-RY240-NSB-B-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 1520   | mg/kg |
| RY240-NSB-B  | 09FC-RY240-NSB-B-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.7    | mg/kg |
| RY240-NSB-D  | 09FC-RY240-NSB-D-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | ALUMINUM      | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 5620   | mg/kg |
| RY240-NSB-D  | 09FC-RY240-NSB-D-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 21200  | mg/kg |
| RY240-NSB-D  | 09FC-RY240-NSB-D-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 922    | mg/kg |
| RY240-NSB-D  | 09FC-RY240-NSB-D-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 2930   | mg/kg |
| RY240-NSB-D  | 09FC-RY240-NSB-D-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | MANGANESE     | 1.5                 | Y           | J-            | J-           |           | 1.5                 | mg/kg | 1490   | mg/kg |
| RY240-NSB-D  | 09FC-RY240-NSB-D-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | NICKEL        | 4                   | Y           | J             |              | J         | 4                   | mg/kg | 3.6    | mg/kg |
| RY240-NSB-D  | 09FC-RY240-NSB-D-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | POTASSIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 969    | mg/kg |
| RY240-NSB-D  | 09FC-RY240-NSB-D-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | SILVER        | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 5.3    | mg/kg |
| RY240-NSB-D  | 09FC-RY240-NSB-D-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 74.5   | mg/kg |
| RY240-NSB-D  | 09FC-RY240-NSB-D-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.7    | mg/kg |
| RY240-NSB-D  | 09FC-RY240-NSB-D-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | ANTIMONY      | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 55.5   | mg/kg |
| RY240-NSB-D  | 09FC-RY240-NSB-D-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 212    | mg/kg |
| RY240-NSB-D  | 09FC-RY240-NSB-D-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | BARIUM        | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 121    | mg/kg |
| RY240-NSB-D  | 09FC-RY240-NSB-D-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | BERYLLIUM     | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.54   | mg/kg |
| RY240-NSB-D  | 09FC-RY240-NSB-D-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 15.2   | mg/kg |
| RY240-NSB-D  | 09FC-RY240-NSB-D-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 3.3    | mg/kg |
| RY240-NSB-D  | 09FC-RY240-NSB-D-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 3.7    | mg/kg |
| RY240-NSB-D  | 09FC-RY240-NSB-D-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | COPPER        | 2.5                 | Y           | J             | J            |           | 2.5                 | mg/kg | 13.2   | mg/kg |
| RY240-NSB-D  | 09FC-RY240-NSB-D-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 6.3    | mg/kg |
| RY240-NSB-D  | 09FC-RY240-NSB-D-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | ZINC          | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 1950   | mg/kg |
| RY240-NSB-D  | 09FC-RY240-NSB-D-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 3970   | mg/kg |
| RY240-NSB-D  | 09FC-RY240-NSB-D-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.8    | mg/kg |
| RY240-NSB-D  | 09FC-RY240-NSB-D-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | ALUMINUM      | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 3990   | mg/kg |
| RY240-NSB-D  | 09FC-RY240-NSB-D-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 24900  | mg/kg |
| RY240-NSB-D  | 09FC-RY240-NSB-D-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 5540   | mg/kg |
| RY240-NSB-D  | 09FC-RY240-NSB-D-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 2700   | mg/kg |
| RY240-NSB-D  | 09FC-RY240-NSB-D-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | MANGANESE     | 1.5                 | Y           | J-            | J-           |           | 1.5                 | mg/kg | 1230   | mg/kg |
| RY240-NSB-D  | 09FC-RY240-NSB-D-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | NICKEL        | 4                   | Y           | J             |              | J         | 4                   | mg/kg | 3.1    | mg/kg |
| RY240-NSB-D  | 09FC-RY240-NSB-D-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | POTASSIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 976    | mg/kg |
| RY240-NSB-D  | 09FC-RY240-NSB-D-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | SILVER        | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 43.4   | mg/kg |
| RY240-NSB-D  | 09FC-RY240-NSB-D-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 97.3   | mg/kg |
| RY240-NSB-D  | 09FC-RY240-NSB-D-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.8    | mg/kg |
| RY240-NSB-D  | 09FC-RY240-NSB-D-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | ANTIMONY      | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 473    | mg/kg |
| RY240-NSB-D  | 09FC-RY240-NSB-D-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 813    | mg/kg |
| RY240-NSB-D  | 09FC-RY240-NSB-D-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | BARIUM        | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 108    | mg/kg |
| RY240-NSB-D  | 09FC-RY240-NSB-D-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | BERYLLIUM     | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.55   | mg/kg |
| RY240-NSB-D  | 09FC-RY240-NSB-D-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 15.6   | mg/kg |
| RY240-NSB-D  | 09FC-RY240-NSB-D-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 3.3    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                         |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY240-NSB-D  | 09FC-RY240-NSB-D-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | COBALT        | 5             | Y           | J             |              | J         | 5             | mg/kg | 3.1    | mg/kg |
| RY240-NSB-D  | 09FC-RY240-NSB-D-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | COPPER        | 2.5           | Y           | J             | J            |           | 2.5           | mg/kg | 50.4   | mg/kg |
| RY240-NSB-D  | 09FC-RY240-NSB-D-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | VANADIUM      | 5             | Y           | J             |              | J         | 5             | mg/kg | 4.7    | mg/kg |
| RY240-NSB-D  | 09FC-RY240-NSB-D-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | ZINC          | 6             | Y           | J-            | J-           |           | 6             | mg/kg | 2480   | mg/kg |
| RY240-NSB-D  | 09FC-RY240-NSB-D-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | CALCIUM       | 500           | Y           | J             | J            |           | 500           | mg/kg | 26700  | mg/kg |
| RY240-NSB-D  | 09FC-RY240-NSB-D-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | SELENIUM      | 3.5           | N           | U             |              | U         | 3.5           | mg/kg | 3.9    | mg/kg |
| RY251-NSB-D  | 09FC-RY251-NSB-D-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | ALUMINUM      | 20            | Y           | J             | J            |           | 20            | mg/kg | 4620   | mg/kg |
| RY251-NSB-D  | 09FC-RY251-NSB-D-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | IRON          | 10            | Y           | J             | J            |           | 10            | mg/kg | 8100   | mg/kg |
| RY251-NSB-D  | 09FC-RY251-NSB-D-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | LEAD          | 1             | Y           | J             | J            |           | 1             | mg/kg | 158    | mg/kg |
| RY251-NSB-D  | 09FC-RY251-NSB-D-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500           | mg/kg | 4340   | mg/kg |
| RY251-NSB-D  | 09FC-RY251-NSB-D-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | MANGANESE     | 1.5           | Y           | J-            | J-           |           | 1.5           | mg/kg | 315    | mg/kg |
| RY251-NSB-D  | 09FC-RY251-NSB-D-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | NICKEL        | 4             | Y           |               |              |           | 4             | mg/kg | 5.8    | mg/kg |
| RY251-NSB-D  | 09FC-RY251-NSB-D-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | POTASSIUM     | 500           | Y           | J             | J            |           | 500           | mg/kg | 1090   | mg/kg |
| RY251-NSB-D  | 09FC-RY251-NSB-D-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | SILVER        | 1             | Y           | J             | J            |           | 1             | mg/kg | 1.1    | mg/kg |
| RY251-NSB-D  | 09FC-RY251-NSB-D-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | SODIUM        | 500           | Y           | J             |              | J         | 500           | mg/kg | 84.3   | mg/kg |
| RY251-NSB-D  | 09FC-RY251-NSB-D-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5           | mg/kg | 2.6    | mg/kg |
| RY251-NSB-D  | 09FC-RY251-NSB-D-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | ANTIMONY      | 6             | Y           | J             | J            |           | 6             | mg/kg | 9.3    | mg/kg |
| RY251-NSB-D  | 09FC-RY251-NSB-D-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | ARSENIC       | 1             | Y           | J             | J            |           | 1             | mg/kg | 174    | mg/kg |
| RY251-NSB-D  | 09FC-RY251-NSB-D-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | BARIUM        | 20            | Y           | J             | J            |           | 20            | mg/kg | 92.8   | mg/kg |
| RY251-NSB-D  | 09FC-RY251-NSB-D-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | BERYLLIUM     | 0.5           | N           | U             |              | U         | 0.5           | mg/kg | 0.52   | mg/kg |
| RY251-NSB-D  | 09FC-RY251-NSB-D-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | CADMIUM       | 0.5           | Y           |               |              |           | 0.5           | mg/kg | 0.64   | mg/kg |
| RY251-NSB-D  | 09FC-RY251-NSB-D-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | CHROMIUM      | 1             | Y           |               |              |           | 1             | mg/kg | 5.2    | mg/kg |
| RY251-NSB-D  | 09FC-RY251-NSB-D-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | COBALT        | 5             | Y           | J             |              | J         | 5             | mg/kg | 4.4    | mg/kg |
| RY251-NSB-D  | 09FC-RY251-NSB-D-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | COPPER        | 2.5           | Y           | J             | J            |           | 2.5           | mg/kg | 21.6   | mg/kg |
| RY251-NSB-D  | 09FC-RY251-NSB-D-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | VANADIUM      | 5             | Y           |               |              |           | 5             | mg/kg | 5.5    | mg/kg |
| RY251-NSB-D  | 09FC-RY251-NSB-D-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | ZINC          | 6             | Y           | J-            | J-           |           | 6             | mg/kg | 143    | mg/kg |
| RY251-NSB-D  | 09FC-RY251-NSB-D-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | CALCIUM       | 500           | Y           | J             | J            |           | 500           | mg/kg | 7760   | mg/kg |
| RY251-NSB-D  | 09FC-RY251-NSB-D-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | SELENIUM      | 3.5           | N           | U             |              | U         | 3.5           | mg/kg | 3.7    | mg/kg |
| RY251-NSB-D  | 09FC-RY251-NSB-D-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | ALUMINUM      | 20            | Y           |               |              |           | 20            | mg/kg | 9340   | mg/kg |
| RY251-NSB-D  | 09FC-RY251-NSB-D-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | IRON          | 10            | Y           |               |              |           | 10            | mg/kg | 13600  | mg/kg |
| RY251-NSB-D  | 09FC-RY251-NSB-D-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | LEAD          | 1             | Y           | J             | J            |           | 1             | mg/kg | 248    | mg/kg |
| RY251-NSB-D  | 09FC-RY251-NSB-D-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | MAGNESIUM     | 500           | Y           |               |              |           | 500           | mg/kg | 3660   | mg/kg |
| RY251-NSB-D  | 09FC-RY251-NSB-D-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | MANGANESE     | 1.5           | Y           |               |              |           | 1.5           | mg/kg | 413    | mg/kg |
| RY251-NSB-D  | 09FC-RY251-NSB-D-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | NICKEL        | 4             | Y           |               |              |           | 4             | mg/kg | 8      | mg/kg |
| RY251-NSB-D  | 09FC-RY251-NSB-D-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | POTASSIUM     | 500           | Y           | J-            | J-           |           | 500           | mg/kg | 1500   | mg/kg |
| RY251-NSB-D  | 09FC-RY251-NSB-D-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | SILVER        | 1             | Y           | J             |              | J         | 1             | mg/kg | 1.1    | mg/kg |
| RY251-NSB-D  | 09FC-RY251-NSB-D-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | SODIUM        | 500           | Y           | UJ            | UJ           | J         | 500           | mg/kg | 500    | mg/kg |
| RY251-NSB-D  | 09FC-RY251-NSB-D-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5           | mg/kg | 2.8    | mg/kg |
| RY251-NSB-D  | 09FC-RY251-NSB-D-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | ANTIMONY      | 6             | Y           | J             | J            |           | 6             | mg/kg | 36.4   | mg/kg |
| RY251-NSB-D  | 09FC-RY251-NSB-D-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | ARSENIC       | 1             | Y           |               |              |           | 1             | mg/kg | 53.3   | mg/kg |
| RY251-NSB-D  | 09FC-RY251-NSB-D-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | BARIUM        | 20            | Y           |               |              |           | 20            | mg/kg | 130    | mg/kg |
| RY251-NSB-D  | 09FC-RY251-NSB-D-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | BERYLLIUM     | 0.5           | Y           | J             |              | J         | 0.5           | mg/kg | 0.45   | mg/kg |
| RY251-NSB-D  | 09FC-RY251-NSB-D-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | CADMIUM       | 0.5           | Y           | J             |              | J         | 0.5           | mg/kg | 0.12   | mg/kg |
| RY251-NSB-D  | 09FC-RY251-NSB-D-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | CHROMIUM      | 1             | Y           |               |              |           | 1             | mg/kg | 8.2    | mg/kg |
| RY251-NSB-D  | 09FC-RY251-NSB-D-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | COBALT        | 5             | Y           |               |              |           | 5             | mg/kg | 5.5    | mg/kg |
| RY251-NSB-D  | 09FC-RY251-NSB-D-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | COPPER        | 2.5           | Y           | J             | J            |           | 2.5           | mg/kg | 15     | mg/kg |
| RY251-NSB-D  | 09FC-RY251-NSB-D-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | VANADIUM      | 5             | Y           |               |              |           | 5             | mg/kg | 15.6   | mg/kg |
| RY251-NSB-D  | 09FC-RY251-NSB-D-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | ZINC          | 6             | Y           |               |              |           | 6             | mg/kg | 156    | mg/kg |



## Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY251-NSB-D  | 09FC-RY251-NSB-D-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 4860   | mg/kg |
| RY251-NSB-D  | 09FC-RY251-NSB-D-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 1.1    | mg/kg |
| RY251-NSS-D  | 09FC-RY251-NSS-D-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | ALUMINUM      | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 6790   | mg/kg |
| RY251-NSS-D  | 09FC-RY251-NSS-D-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 10800  | mg/kg |
| RY251-NSS-D  | 09FC-RY251-NSS-D-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 143    | mg/kg |
| RY251-NSS-D  | 09FC-RY251-NSS-D-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 2900   | mg/kg |
| RY251-NSS-D  | 09FC-RY251-NSS-D-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | MANGANESE     | 1.5                 | Y           | J-            | J-           |           | 1.5                 | mg/kg | 333    | mg/kg |
| RY251-NSS-D  | 09FC-RY251-NSS-D-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 5      | mg/kg |
| RY251-NSS-D  | 09FC-RY251-NSS-D-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | POTASSIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 1100   | mg/kg |
| RY251-NSS-D  | 09FC-RY251-NSS-D-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | SILVER        | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 1.2    | mg/kg |
| RY251-NSS-D  | 09FC-RY251-NSS-D-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 83     | mg/kg |
| RY251-NSS-D  | 09FC-RY251-NSS-D-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY251-NSS-D  | 09FC-RY251-NSS-D-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | ANTIMONY      | 6                   | Y           | J             | J            | J         | 6                   | mg/kg | 4.6    | mg/kg |
| RY251-NSS-D  | 09FC-RY251-NSS-D-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 15.5   | mg/kg |
| RY251-NSS-D  | 09FC-RY251-NSS-D-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | BARIUM        | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 95.7   | mg/kg |
| RY251-NSS-D  | 09FC-RY251-NSS-D-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | BERYLLIUM     | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.52   | mg/kg |
| RY251-NSS-D  | 09FC-RY251-NSS-D-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 1      | mg/kg |
| RY251-NSS-D  | 09FC-RY251-NSS-D-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 3.1    | mg/kg |
| RY251-NSS-D  | 09FC-RY251-NSS-D-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | COBALT        | 5                   | Y           | U             | U            | J         | 5                   | mg/kg | 5      | mg/kg |
| RY251-NSS-D  | 09FC-RY251-NSS-D-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | COPPER        | 2.5                 | Y           | J             | J            |           | 2.5                 | mg/kg | 11.4   | mg/kg |
| RY251-NSS-D  | 09FC-RY251-NSS-D-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 5.9    | mg/kg |
| RY251-NSS-D  | 09FC-RY251-NSS-D-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | ZINC          | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 212    | mg/kg |
| RY251-NSS-D  | 09FC-RY251-NSS-D-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 7960   | mg/kg |
| RY251-NSS-D  | 09FC-RY251-NSS-D-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.6    | mg/kg |
| RY253-NSB-B  | 09FC-RY253-NSB-B-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 5640   | mg/kg |
| RY253-NSB-B  | 09FC-RY253-NSB-B-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 8630   | mg/kg |
| RY253-NSB-B  | 09FC-RY253-NSB-B-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 17     | mg/kg |
| RY253-NSB-B  | 09FC-RY253-NSB-B-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 4210   | mg/kg |
| RY253-NSB-B  | 09FC-RY253-NSB-B-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 254    | mg/kg |
| RY253-NSB-B  | 09FC-RY253-NSB-B-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 7.7    | mg/kg |
| RY253-NSB-B  | 09FC-RY253-NSB-B-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 955    | mg/kg |
| RY253-NSB-B  | 09FC-RY253-NSB-B-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 0.79   | mg/kg |
| RY253-NSB-B  | 09FC-RY253-NSB-B-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY253-NSB-B  | 09FC-RY253-NSB-B-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2      | mg/kg |
| RY253-NSB-B  | 09FC-RY253-NSB-B-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | ANTIMONY      | 6                   | N           | U             |              | U         | 6                   | mg/kg | 4.7    | mg/kg |
| RY253-NSB-B  | 09FC-RY253-NSB-B-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 5      | mg/kg |
| RY253-NSB-B  | 09FC-RY253-NSB-B-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 132    | mg/kg |
| RY253-NSB-B  | 09FC-RY253-NSB-B-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.39   | mg/kg |
| RY253-NSB-B  | 09FC-RY253-NSB-B-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | CADMIUM       | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.39   | mg/kg |
| RY253-NSB-B  | 09FC-RY253-NSB-B-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 7.8    | mg/kg |
| RY253-NSB-B  | 09FC-RY253-NSB-B-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 4.7    | mg/kg |
| RY253-NSB-B  | 09FC-RY253-NSB-B-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 11.5   | mg/kg |
| RY253-NSB-B  | 09FC-RY253-NSB-B-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 9.9    | mg/kg |
| RY253-NSB-B  | 09FC-RY253-NSB-B-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 37.8   | mg/kg |
| RY253-NSB-B  | 09FC-RY253-NSB-B-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 9090   | mg/kg |
| RY253-NSB-B  | 09FC-RY253-NSB-B-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.7    | mg/kg |
| RY253-NSB-A  | 09FC-RY253-NSB-A-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 7860   | mg/kg |
| RY253-NSB-A  | 09FC-RY253-NSB-A-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 11400  | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY253-NSB-A  | 09FC-RY253-NSB-A-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 15.8   | mg/kg |
| RY253-NSB-A  | 09FC-RY253-NSB-A-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 4210   | mg/kg |
| RY253-NSB-A  | 09FC-RY253-NSB-A-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 292    | mg/kg |
| RY253-NSB-A  | 09FC-RY253-NSB-A-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 8.2    | mg/kg |
| RY253-NSB-A  | 09FC-RY253-NSB-A-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1080   | mg/kg |
| RY253-NSB-A  | 09FC-RY253-NSB-A-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 1      | mg/kg |
| RY253-NSB-A  | 09FC-RY253-NSB-A-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY253-NSB-A  | 09FC-RY253-NSB-A-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY253-NSB-A  | 09FC-RY253-NSB-A-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | ANTIMONY      | 6                   | Y           | J             | J            | J         | 6                   | mg/kg | 1.2    | mg/kg |
| RY253-NSB-A  | 09FC-RY253-NSB-A-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 3.9    | mg/kg |
| RY253-NSB-A  | 09FC-RY253-NSB-A-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 146    | mg/kg |
| RY253-NSB-A  | 09FC-RY253-NSB-A-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.49   | mg/kg |
| RY253-NSB-A  | 09FC-RY253-NSB-A-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | CADMIUM       | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.51   | mg/kg |
| RY253-NSB-A  | 09FC-RY253-NSB-A-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 11.8   | mg/kg |
| RY253-NSB-A  | 09FC-RY253-NSB-A-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 5.2    | mg/kg |
| RY253-NSB-A  | 09FC-RY253-NSB-A-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | COPPER        | 2.5                 | Y           | J             | J            |           | 2.5                 | mg/kg | 12.9   | mg/kg |
| RY253-NSB-A  | 09FC-RY253-NSB-A-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 15.4   | mg/kg |
| RY253-NSB-A  | 09FC-RY253-NSB-A-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 47.8   | mg/kg |
| RY253-NSB-A  | 09FC-RY253-NSB-A-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 5780   | mg/kg |
| RY253-NSB-A  | 09FC-RY253-NSB-A-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.95   | mg/kg |
| RY253-NSB-A  | 09FC-RY253-NSB-A-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 6630   | mg/kg |
| RY253-NSB-A  | 09FC-RY253-NSB-A-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 9210   | mg/kg |
| RY253-NSB-A  | 09FC-RY253-NSB-A-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 15.2   | mg/kg |
| RY253-NSB-A  | 09FC-RY253-NSB-A-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3730   | mg/kg |
| RY253-NSB-A  | 09FC-RY253-NSB-A-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 314    | mg/kg |
| RY253-NSB-A  | 09FC-RY253-NSB-A-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 7.9    | mg/kg |
| RY253-NSB-A  | 09FC-RY253-NSB-A-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 993    | mg/kg |
| RY253-NSB-A  | 09FC-RY253-NSB-A-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 0.77   | mg/kg |
| RY253-NSB-A  | 09FC-RY253-NSB-A-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY253-NSB-A  | 09FC-RY253-NSB-A-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 1.9    | mg/kg |
| RY253-NSB-A  | 09FC-RY253-NSB-A-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | ANTIMONY      | 6                   | Y           | J             | J            | J         | 6                   | mg/kg | 0.91   | mg/kg |
| RY253-NSB-A  | 09FC-RY253-NSB-A-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 3.5    | mg/kg |
| RY253-NSB-A  | 09FC-RY253-NSB-A-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 146    | mg/kg |
| RY253-NSB-A  | 09FC-RY253-NSB-A-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | BERYLLIUM     | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 0.44   | mg/kg |
| RY253-NSB-A  | 09FC-RY253-NSB-A-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | CADMIUM       | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.39   | mg/kg |
| RY253-NSB-A  | 09FC-RY253-NSB-A-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 8.9    | mg/kg |
| RY253-NSB-A  | 09FC-RY253-NSB-A-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 5.2    | mg/kg |
| RY253-NSB-A  | 09FC-RY253-NSB-A-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | COPPER        | 2.5                 | Y           | J             | J            |           | 2.5                 | mg/kg | 11.9   | mg/kg |
| RY253-NSB-A  | 09FC-RY253-NSB-A-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 11.3   | mg/kg |
| RY253-NSB-A  | 09FC-RY253-NSB-A-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 44.8   | mg/kg |
| RY253-NSB-A  | 09FC-RY253-NSB-A-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 5300   | mg/kg |
| RY253-NSB-A  | 09FC-RY253-NSB-A-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.7    | mg/kg |
| RY253-NSB-B  | 09FC-RY253-NSB-B-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 6550   | mg/kg |
| RY253-NSB-B  | 09FC-RY253-NSB-B-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 9280   | mg/kg |
| RY253-NSB-B  | 09FC-RY253-NSB-B-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 13.8   | mg/kg |
| RY253-NSB-B  | 09FC-RY253-NSB-B-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 3780   | mg/kg |
| RY253-NSB-B  | 09FC-RY253-NSB-B-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 281    | mg/kg |
| RY253-NSB-B  | 09FC-RY253-NSB-B-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 7.2    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY253-NSB-B  | 09FC-RY253-NSB-B-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 988    | mg/kg |
| RY253-NSB-B  | 09FC-RY253-NSB-B-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 0.99   | mg/kg |
| RY253-NSB-B  | 09FC-RY253-NSB-B-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY253-NSB-B  | 09FC-RY253-NSB-B-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.5    | mg/kg |
| RY253-NSB-B  | 09FC-RY253-NSB-B-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | ANTIMONY      | 6                   | N           | U             |              | U         | 6                   | mg/kg | 5.9    | mg/kg |
| RY253-NSB-B  | 09FC-RY253-NSB-B-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 3.4    | mg/kg |
| RY253-NSB-B  | 09FC-RY253-NSB-B-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 142    | mg/kg |
| RY253-NSB-B  | 09FC-RY253-NSB-B-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.42   | mg/kg |
| RY253-NSB-B  | 09FC-RY253-NSB-B-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | CADMIUM       | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.5    | mg/kg |
| RY253-NSB-B  | 09FC-RY253-NSB-B-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 10.1   | mg/kg |
| RY253-NSB-B  | 09FC-RY253-NSB-B-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.8    | mg/kg |
| RY253-NSB-B  | 09FC-RY253-NSB-B-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 12.1   | mg/kg |
| RY253-NSB-B  | 09FC-RY253-NSB-B-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 12.4   | mg/kg |
| RY253-NSB-B  | 09FC-RY253-NSB-B-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 40.9   | mg/kg |
| RY253-NSB-B  | 09FC-RY253-NSB-B-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 5410   | mg/kg |
| RY253-NSB-B  | 09FC-RY253-NSB-B-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.88   | mg/kg |
| RY253-NSB-C  | 09FC-RY253-NSB-C-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 5270   | mg/kg |
| RY253-NSB-C  | 09FC-RY253-NSB-C-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 10100  | mg/kg |
| RY253-NSB-C  | 09FC-RY253-NSB-C-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 10.8   | mg/kg |
| RY253-NSB-C  | 09FC-RY253-NSB-C-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 4450   | mg/kg |
| RY253-NSB-C  | 09FC-RY253-NSB-C-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 237    | mg/kg |
| RY253-NSB-C  | 09FC-RY253-NSB-C-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 7.8    | mg/kg |
| RY253-NSB-C  | 09FC-RY253-NSB-C-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 892    | mg/kg |
| RY253-NSB-C  | 09FC-RY253-NSB-C-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 0.9    | mg/kg |
| RY253-NSB-C  | 09FC-RY253-NSB-C-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY253-NSB-C  | 09FC-RY253-NSB-C-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.3    | mg/kg |
| RY253-NSB-C  | 09FC-RY253-NSB-C-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | ANTIMONY      | 6                   | N           | U             |              | U         | 6                   | mg/kg | 5.4    | mg/kg |
| RY253-NSB-C  | 09FC-RY253-NSB-C-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 7.2    | mg/kg |
| RY253-NSB-C  | 09FC-RY253-NSB-C-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 62.5   | mg/kg |
| RY253-NSB-C  | 09FC-RY253-NSB-C-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.39   | mg/kg |
| RY253-NSB-C  | 09FC-RY253-NSB-C-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | CADMIUM       | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.45   | mg/kg |
| RY253-NSB-C  | 09FC-RY253-NSB-C-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 6      | mg/kg |
| RY253-NSB-C  | 09FC-RY253-NSB-C-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 5.3    | mg/kg |
| RY253-NSB-C  | 09FC-RY253-NSB-C-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 12.7   | mg/kg |
| RY253-NSB-C  | 09FC-RY253-NSB-C-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 6.9    | mg/kg |
| RY253-NSB-C  | 09FC-RY253-NSB-C-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 27.7   | mg/kg |
| RY253-NSB-C  | 09FC-RY253-NSB-C-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 23100  | mg/kg |
| RY253-NSB-C  | 09FC-RY253-NSB-C-002006 | 9/10/2009   | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.48   | mg/kg |
| RY253-NSB-C  | 09FC-RY253-NSB-C-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 5500   | mg/kg |
| RY253-NSB-C  | 09FC-RY253-NSB-C-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 11600  | mg/kg |
| RY253-NSB-C  | 09FC-RY253-NSB-C-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 10.7   | mg/kg |
| RY253-NSB-C  | 09FC-RY253-NSB-C-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 5310   | mg/kg |
| RY253-NSB-C  | 09FC-RY253-NSB-C-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 258    | mg/kg |
| RY253-NSB-C  | 09FC-RY253-NSB-C-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 8.7    | mg/kg |
| RY253-NSB-C  | 09FC-RY253-NSB-C-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 939    | mg/kg |
| RY253-NSB-C  | 09FC-RY253-NSB-C-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 1      | mg/kg |
| RY253-NSB-C  | 09FC-RY253-NSB-C-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY253-NSB-C  | 09FC-RY253-NSB-C-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.5    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY253-NSB-C  | 09FC-RY253-NSB-C-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | ANTIMONY      | 6                   | N           | U             |              | U         | 6                   | mg/kg | 6.1    | mg/kg |
| RY253-NSB-C  | 09FC-RY253-NSB-C-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 10.9   | mg/kg |
| RY253-NSB-C  | 09FC-RY253-NSB-C-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 68     | mg/kg |
| RY253-NSB-C  | 09FC-RY253-NSB-C-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.39   | mg/kg |
| RY253-NSB-C  | 09FC-RY253-NSB-C-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | CADMIUM       | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.5    | mg/kg |
| RY253-NSB-C  | 09FC-RY253-NSB-C-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 5.1    | mg/kg |
| RY253-NSB-C  | 09FC-RY253-NSB-C-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 7.5    | mg/kg |
| RY253-NSB-C  | 09FC-RY253-NSB-C-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 13.5   | mg/kg |
| RY253-NSB-C  | 09FC-RY253-NSB-C-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 7      | mg/kg |
| RY253-NSB-C  | 09FC-RY253-NSB-C-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 30     | mg/kg |
| RY253-NSB-C  | 09FC-RY253-NSB-C-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 20500  | mg/kg |
| RY253-NSB-C  | 09FC-RY253-NSB-C-006012 | 9/10/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.66   | mg/kg |
| RY253-NSS-A  | 09FC-RY253-NSS-A-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | ALUMINUM      | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 7810   | mg/kg |
| RY253-NSS-A  | 09FC-RY253-NSS-A-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 11500  | mg/kg |
| RY253-NSS-A  | 09FC-RY253-NSS-A-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 17.5   | mg/kg |
| RY253-NSS-A  | 09FC-RY253-NSS-A-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 4230   | mg/kg |
| RY253-NSS-A  | 09FC-RY253-NSS-A-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 289    | mg/kg |
| RY253-NSS-A  | 09FC-RY253-NSS-A-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 8.3    | mg/kg |
| RY253-NSS-A  | 09FC-RY253-NSS-A-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | POTASSIUM     | 500                 | Y           | J-            | J-           |           | 500                 | mg/kg | 1180   | mg/kg |
| RY253-NSS-A  | 09FC-RY253-NSS-A-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 1.1    | mg/kg |
| RY253-NSS-A  | 09FC-RY253-NSS-A-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY253-NSS-A  | 09FC-RY253-NSS-A-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.7    | mg/kg |
| RY253-NSS-A  | 09FC-RY253-NSS-A-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | ANTIMONY      | 6                   | Y           | J             |              | J         | 6                   | mg/kg | 1      | mg/kg |
| RY253-NSS-A  | 09FC-RY253-NSS-A-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 3.9    | mg/kg |
| RY253-NSS-A  | 09FC-RY253-NSS-A-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | BARIUM        | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 145    | mg/kg |
| RY253-NSS-A  | 09FC-RY253-NSS-A-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.47   | mg/kg |
| RY253-NSS-A  | 09FC-RY253-NSS-A-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | CADMIUM       | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.55   | mg/kg |
| RY253-NSS-A  | 09FC-RY253-NSS-A-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | CHROMIUM      | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 12.8   | mg/kg |
| RY253-NSS-A  | 09FC-RY253-NSS-A-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 5.2    | mg/kg |
| RY253-NSS-A  | 09FC-RY253-NSS-A-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 12.9   | mg/kg |
| RY253-NSS-A  | 09FC-RY253-NSS-A-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 14.1   | mg/kg |
| RY253-NSS-A  | 09FC-RY253-NSS-A-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 50.4   | mg/kg |
| RY253-NSS-A  | 09FC-RY253-NSS-A-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 5010   | mg/kg |
| RY253-NSS-A  | 09FC-RY253-NSS-A-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.8    | mg/kg |
| RY253-NSS-B  | 09FC-RY253-NSS-B-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 6440   | mg/kg |
| RY253-NSS-B  | 09FC-RY253-NSS-B-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 9130   | mg/kg |
| RY253-NSS-B  | 09FC-RY253-NSS-B-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 10.1   | mg/kg |
| RY253-NSS-B  | 09FC-RY253-NSS-B-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 3390   | mg/kg |
| RY253-NSS-B  | 09FC-RY253-NSS-B-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 282    | mg/kg |
| RY253-NSS-B  | 09FC-RY253-NSS-B-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.9    | mg/kg |
| RY253-NSS-B  | 09FC-RY253-NSS-B-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1000   | mg/kg |
| RY253-NSS-B  | 09FC-RY253-NSS-B-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 1.1    | mg/kg |
| RY253-NSS-B  | 09FC-RY253-NSS-B-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | SODIUM        | 500                 | Y           | J-            | J-           | J         | 500                 | mg/kg | 164    | mg/kg |
| RY253-NSS-B  | 09FC-RY253-NSS-B-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.8    | mg/kg |
| RY253-NSS-B  | 09FC-RY253-NSS-B-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | ANTIMONY      | 6                   | N           | U             |              | U         | 6                   | mg/kg | 6.7    | mg/kg |
| RY253-NSS-B  | 09FC-RY253-NSS-B-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 3.2    | mg/kg |
| RY253-NSS-B  | 09FC-RY253-NSS-B-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 136    | mg/kg |
| RY253-NSS-B  | 09FC-RY253-NSS-B-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.41   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY253-NSS-B  | 09FC-RY253-NSS-B-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | CADMIUM       | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.56   | mg/kg |
| RY253-NSS-B  | 09FC-RY253-NSS-B-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 10     | mg/kg |
| RY253-NSS-B  | 09FC-RY253-NSS-B-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.8    | mg/kg |
| RY253-NSS-B  | 09FC-RY253-NSS-B-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 12     | mg/kg |
| RY253-NSS-B  | 09FC-RY253-NSS-B-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 12.1   | mg/kg |
| RY253-NSS-B  | 09FC-RY253-NSS-B-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 40.7   | mg/kg |
| RY253-NSS-B  | 09FC-RY253-NSS-B-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 4160   | mg/kg |
| RY253-NSS-B  | 09FC-RY253-NSS-B-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.96   | mg/kg |
| RY253-NSS-C  | 09FC-RY253-NSS-C-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 4770   | mg/kg |
| RY253-NSS-C  | 09FC-RY253-NSS-C-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 10200  | mg/kg |
| RY253-NSS-C  | 09FC-RY253-NSS-C-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 6.7    | mg/kg |
| RY253-NSS-C  | 09FC-RY253-NSS-C-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 4730   | mg/kg |
| RY253-NSS-C  | 09FC-RY253-NSS-C-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 251    | mg/kg |
| RY253-NSS-C  | 09FC-RY253-NSS-C-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 7.8    | mg/kg |
| RY253-NSS-C  | 09FC-RY253-NSS-C-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 705    | mg/kg |
| RY253-NSS-C  | 09FC-RY253-NSS-C-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 0.79   | mg/kg |
| RY253-NSS-C  | 09FC-RY253-NSS-C-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | SODIUM        | 500                 | Y           | J-            | J-           | J         | 500                 | mg/kg | 86.6   | mg/kg |
| RY253-NSS-C  | 09FC-RY253-NSS-C-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2      | mg/kg |
| RY253-NSS-C  | 09FC-RY253-NSS-C-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | ANTIMONY      | 6                   | N           | U             |              | U         | 6                   | mg/kg | 4.7    | mg/kg |
| RY253-NSS-C  | 09FC-RY253-NSS-C-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 10.2   | mg/kg |
| RY253-NSS-C  | 09FC-RY253-NSS-C-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 55.6   | mg/kg |
| RY253-NSS-C  | 09FC-RY253-NSS-C-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | BERYLLIUM     | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 0.45   | mg/kg |
| RY253-NSS-C  | 09FC-RY253-NSS-C-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | CADMIUM       | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.39   | mg/kg |
| RY253-NSS-C  | 09FC-RY253-NSS-C-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 6.5    | mg/kg |
| RY253-NSS-C  | 09FC-RY253-NSS-C-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 6.1    | mg/kg |
| RY253-NSS-C  | 09FC-RY253-NSS-C-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 10.6   | mg/kg |
| RY253-NSS-C  | 09FC-RY253-NSS-C-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 5.9    | mg/kg |
| RY253-NSS-C  | 09FC-RY253-NSS-C-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 21.5   | mg/kg |
| RY253-NSS-C  | 09FC-RY253-NSS-C-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 7780   | mg/kg |
| RY253-NSS-C  | 09FC-RY253-NSS-C-000002 | 9/10/2009   | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.52   | mg/kg |
| RY257-NSB-C  | 09FC-RY257-NSB-C-002006 | 9/2/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | ALUMINUM      | 20                  | Y           | J             |              |           | 20                  | mg/kg | 5310   | mg/kg |
| RY257-NSB-C  | 09FC-RY257-NSB-C-002006 | 9/2/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 8420   | mg/kg |
| RY257-NSB-C  | 09FC-RY257-NSB-C-002006 | 9/2/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 106    | mg/kg |
| RY257-NSB-C  | 09FC-RY257-NSB-C-002006 | 9/2/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 2860   | mg/kg |
| RY257-NSB-C  | 09FC-RY257-NSB-C-002006 | 9/2/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | MANGANESE     | 1.5                 | Y           | J-            | J-           |           | 1.5                 | mg/kg | 252    | mg/kg |
| RY257-NSB-C  | 09FC-RY257-NSB-C-002006 | 9/2/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | NICKEL        | 4                   | Y           | J             |              | J         | 4                   | mg/kg | 4      | mg/kg |
| RY257-NSB-C  | 09FC-RY257-NSB-C-002006 | 9/2/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | POTASSIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 1090   | mg/kg |
| RY257-NSB-C  | 09FC-RY257-NSB-C-002006 | 9/2/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | SILVER        | 1                   | Y           | J             | J            | J         | 1                   | mg/kg | 0.8    | mg/kg |
| RY257-NSB-C  | 09FC-RY257-NSB-C-002006 | 9/2/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 60.9   | mg/kg |
| RY257-NSB-C  | 09FC-RY257-NSB-C-002006 | 9/2/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY257-NSB-C  | 09FC-RY257-NSB-C-002006 | 9/2/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | ANTIMONY      | 6                   | Y           | J             | J            | J         | 6                   | mg/kg | 3.1    | mg/kg |
| RY257-NSB-C  | 09FC-RY257-NSB-C-002006 | 9/2/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 9.2    | mg/kg |
| RY257-NSB-C  | 09FC-RY257-NSB-C-002006 | 9/2/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | BARIUM        | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 75     | mg/kg |
| RY257-NSB-C  | 09FC-RY257-NSB-C-002006 | 9/2/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | BERYLLIUM     | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.52   | mg/kg |
| RY257-NSB-C  | 09FC-RY257-NSB-C-002006 | 9/2/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 0.67   | mg/kg |
| RY257-NSB-C  | 09FC-RY257-NSB-C-002006 | 9/2/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 2.8    | mg/kg |
| RY257-NSB-C  | 09FC-RY257-NSB-C-002006 | 9/2/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | COBALT        | 5                   | Y           | U             | U            | J         | 5                   | mg/kg | 5      | mg/kg |
| RY257-NSB-C  | 09FC-RY257-NSB-C-002006 | 9/2/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | COPPER        | 2.5                 | Y           | J             | J            |           | 2.5                 | mg/kg | 9.6    | mg/kg |

## Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY257-NSB-C  | 09FC-RY257-NSB-C-002006 | 9/2/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | VANADIUM      | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 5      | mg/kg |
| RY257-NSB-C  | 09FC-RY257-NSB-C-002006 | 9/2/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | ZINC          | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 150    | mg/kg |
| RY257-NSB-C  | 09FC-RY257-NSB-C-002006 | 9/2/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 8600   | mg/kg |
| RY257-NSB-C  | 09FC-RY257-NSB-C-002006 | 9/2/2009    | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.7    | mg/kg |
| RY257-NSS-C  | 09FC-RY257-NSS-C-000002 | 9/2/2009    | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | ALUMINUM      | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 5320   | mg/kg |
| RY257-NSS-C  | 09FC-RY257-NSS-C-000002 | 9/2/2009    | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 20200  | mg/kg |
| RY257-NSS-C  | 09FC-RY257-NSS-C-000002 | 9/2/2009    | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 2660   | mg/kg |
| RY257-NSS-C  | 09FC-RY257-NSS-C-000002 | 9/2/2009    | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 2740   | mg/kg |
| RY257-NSS-C  | 09FC-RY257-NSS-C-000002 | 9/2/2009    | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | MANGANESE     | 1.5                 | Y           | J-            | J-           |           | 1.5                 | mg/kg | 947    | mg/kg |
| RY257-NSS-C  | 09FC-RY257-NSS-C-000002 | 9/2/2009    | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | NICKEL        | 4                   | Y           | J             |              | J         | 4                   | mg/kg | 4.1    | mg/kg |
| RY257-NSS-C  | 09FC-RY257-NSS-C-000002 | 9/2/2009    | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | POTASSIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 852    | mg/kg |
| RY257-NSS-C  | 09FC-RY257-NSS-C-000002 | 9/2/2009    | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | SILVER        | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 17.5   | mg/kg |
| RY257-NSS-C  | 09FC-RY257-NSS-C-000002 | 9/2/2009    | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 40.4   | mg/kg |
| RY257-NSS-C  | 09FC-RY257-NSS-C-000002 | 9/2/2009    | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY257-NSS-C  | 09FC-RY257-NSS-C-000002 | 9/2/2009    | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | ANTIMONY      | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 242    | mg/kg |
| RY257-NSS-C  | 09FC-RY257-NSS-C-000002 | 9/2/2009    | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 296    | mg/kg |
| RY257-NSS-C  | 09FC-RY257-NSS-C-000002 | 9/2/2009    | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | BARIUM        | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 57.3   | mg/kg |
| RY257-NSS-C  | 09FC-RY257-NSS-C-000002 | 9/2/2009    | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | BERYLLIUM     | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.52   | mg/kg |
| RY257-NSS-C  | 09FC-RY257-NSS-C-000002 | 9/2/2009    | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 10.6   | mg/kg |
| RY257-NSS-C  | 09FC-RY257-NSS-C-000002 | 9/2/2009    | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 3.8    | mg/kg |
| RY257-NSS-C  | 09FC-RY257-NSS-C-000002 | 9/2/2009    | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | COBALT        | 5                   | Y           | U             | U            | J         | 5                   | mg/kg | 5      | mg/kg |
| RY257-NSS-C  | 09FC-RY257-NSS-C-000002 | 9/2/2009    | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | COPPER        | 2.5                 | Y           | J             | J            |           | 2.5                 | mg/kg | 17.1   | mg/kg |
| RY257-NSS-C  | 09FC-RY257-NSS-C-000002 | 9/2/2009    | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 6.6    | mg/kg |
| RY257-NSS-C  | 09FC-RY257-NSS-C-000002 | 9/2/2009    | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | ZINC          | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 1800   | mg/kg |
| RY257-NSS-C  | 09FC-RY257-NSS-C-000002 | 9/2/2009    | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 2250   | mg/kg |
| RY257-NSS-C  | 09FC-RY257-NSS-C-000002 | 9/2/2009    | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.6    | mg/kg |
| RY271-NSB-D  | 09FC-RY271-NSB-D-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | ALUMINUM      | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 6310   | mg/kg |
| RY271-NSB-D  | 09FC-RY271-NSB-D-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 12800  | mg/kg |
| RY271-NSB-D  | 09FC-RY271-NSB-D-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 481    | mg/kg |
| RY271-NSB-D  | 09FC-RY271-NSB-D-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 3040   | mg/kg |
| RY271-NSB-D  | 09FC-RY271-NSB-D-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | MANGANESE     | 1.5                 | Y           | J-            | J-           |           | 1.5                 | mg/kg | 418    | mg/kg |
| RY271-NSB-D  | 09FC-RY271-NSB-D-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 5.3    | mg/kg |
| RY271-NSB-D  | 09FC-RY271-NSB-D-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | POTASSIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 956    | mg/kg |
| RY271-NSB-D  | 09FC-RY271-NSB-D-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | SILVER        | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 4      | mg/kg |
| RY271-NSB-D  | 09FC-RY271-NSB-D-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 54.9   | mg/kg |
| RY271-NSB-D  | 09FC-RY271-NSB-D-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY271-NSB-D  | 09FC-RY271-NSB-D-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | ANTIMONY      | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 33.8   | mg/kg |
| RY271-NSB-D  | 09FC-RY271-NSB-D-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 97.2   | mg/kg |
| RY271-NSB-D  | 09FC-RY271-NSB-D-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | BARIUM        | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 77.5   | mg/kg |
| RY271-NSB-D  | 09FC-RY271-NSB-D-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | BERYLLIUM     | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.53   | mg/kg |
| RY271-NSB-D  | 09FC-RY271-NSB-D-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 3.4    | mg/kg |
| RY271-NSB-D  | 09FC-RY271-NSB-D-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 5.3    | mg/kg |
| RY271-NSB-D  | 09FC-RY271-NSB-D-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | COBALT        | 5                   | Y           | U             | U            | J         | 5                   | mg/kg | 5      | mg/kg |
| RY271-NSB-D  | 09FC-RY271-NSB-D-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | COPPER        | 2.5                 | Y           | J             | J            |           | 2.5                 | mg/kg | 10.2   | mg/kg |
| RY271-NSB-D  | 09FC-RY271-NSB-D-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 8.4    | mg/kg |
| RY271-NSB-D  | 09FC-RY271-NSB-D-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | ZINC          | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 653    | mg/kg |
| RY271-NSB-D  | 09FC-RY271-NSB-D-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 2660   | mg/kg |
| RY271-NSB-D  | 09FC-RY271-NSB-D-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.7    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY271-NSB-D  | 09FC-RY271-NSB-D-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | ALUMINUM      | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 3170   | mg/kg |
| RY271-NSB-D  | 09FC-RY271-NSB-D-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 25300  | mg/kg |
| RY271-NSB-D  | 09FC-RY271-NSB-D-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 1030   | mg/kg |
| RY271-NSB-D  | 09FC-RY271-NSB-D-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 3030   | mg/kg |
| RY271-NSB-D  | 09FC-RY271-NSB-D-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | MANGANESE     | 1.5                 | Y           | J-            | J-           |           | 1.5                 | mg/kg | 1560   | mg/kg |
| RY271-NSB-D  | 09FC-RY271-NSB-D-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | NICKEL        | 4                   | Y           | J             |              | J         | 4                   | mg/kg | 3.8    | mg/kg |
| RY271-NSB-D  | 09FC-RY271-NSB-D-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | POTASSIUM     | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY271-NSB-D  | 09FC-RY271-NSB-D-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | SILVER        | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 5.3    | mg/kg |
| RY271-NSB-D  | 09FC-RY271-NSB-D-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 212    | mg/kg |
| RY271-NSB-D  | 09FC-RY271-NSB-D-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY271-NSB-D  | 09FC-RY271-NSB-D-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | ANTIMONY      | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 105    | mg/kg |
| RY271-NSB-D  | 09FC-RY271-NSB-D-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 221    | mg/kg |
| RY271-NSB-D  | 09FC-RY271-NSB-D-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | BARIUM        | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 45.1   | mg/kg |
| RY271-NSB-D  | 09FC-RY271-NSB-D-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.033  | mg/kg |
| RY271-NSB-D  | 09FC-RY271-NSB-D-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 5.5    | mg/kg |
| RY271-NSB-D  | 09FC-RY271-NSB-D-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 5.1    | mg/kg |
| RY271-NSB-D  | 09FC-RY271-NSB-D-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | COBALT        | 5                   | Y           | U             | U            | J         | 5                   | mg/kg | 5      | mg/kg |
| RY271-NSB-D  | 09FC-RY271-NSB-D-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | COPPER        | 2.5                 | Y           | J             | J            |           | 2.5                 | mg/kg | 16.4   | mg/kg |
| RY271-NSB-D  | 09FC-RY271-NSB-D-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | VANADIUM      | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 3.5    | mg/kg |
| RY271-NSB-D  | 09FC-RY271-NSB-D-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | ZINC          | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 983    | mg/kg |
| RY271-NSB-D  | 09FC-RY271-NSB-D-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 6470   | mg/kg |
| RY271-NSB-D  | 09FC-RY271-NSB-D-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.6    | mg/kg |
| RY271-NSS-D  | 09FC-RY271-NSS-D-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | ALUMINUM      | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 5970   | mg/kg |
| RY271-NSS-D  | 09FC-RY271-NSS-D-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 9020   | mg/kg |
| RY271-NSS-D  | 09FC-RY271-NSS-D-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 119    | mg/kg |
| RY271-NSS-D  | 09FC-RY271-NSS-D-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 2460   | mg/kg |
| RY271-NSS-D  | 09FC-RY271-NSS-D-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | MANGANESE     | 1.5                 | Y           | J-            | J-           |           | 1.5                 | mg/kg | 342    | mg/kg |
| RY271-NSS-D  | 09FC-RY271-NSS-D-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 5.8    | mg/kg |
| RY271-NSS-D  | 09FC-RY271-NSS-D-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | POTASSIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 1250   | mg/kg |
| RY271-NSS-D  | 09FC-RY271-NSS-D-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | SILVER        | 1                   | Y           | J             | J            | J         | 1                   | mg/kg | 0.69   | mg/kg |
| RY271-NSS-D  | 09FC-RY271-NSS-D-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 57.9   | mg/kg |
| RY271-NSS-D  | 09FC-RY271-NSS-D-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY271-NSS-D  | 09FC-RY271-NSS-D-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | ANTIMONY      | 6                   | Y           | J             | J            | J         | 6                   | mg/kg | 1.5    | mg/kg |
| RY271-NSS-D  | 09FC-RY271-NSS-D-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 9.7    | mg/kg |
| RY271-NSS-D  | 09FC-RY271-NSS-D-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | BARIUM        | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 149    | mg/kg |
| RY271-NSS-D  | 09FC-RY271-NSS-D-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | BERYLLIUM     | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.52   | mg/kg |
| RY271-NSS-D  | 09FC-RY271-NSS-D-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 0.83   | mg/kg |
| RY271-NSS-D  | 09FC-RY271-NSS-D-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 6      | mg/kg |
| RY271-NSS-D  | 09FC-RY271-NSS-D-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | COBALT        | 5                   | Y           | U             | U            | J         | 5                   | mg/kg | 5      | mg/kg |
| RY271-NSS-D  | 09FC-RY271-NSS-D-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | COPPER        | 2.5                 | Y           | J             | J            |           | 2.5                 | mg/kg | 19.4   | mg/kg |
| RY271-NSS-D  | 09FC-RY271-NSS-D-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 8.9    | mg/kg |
| RY271-NSS-D  | 09FC-RY271-NSS-D-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | ZINC          | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 165    | mg/kg |
| RY271-NSS-D  | 09FC-RY271-NSS-D-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 3700   | mg/kg |
| RY271-NSS-D  | 09FC-RY271-NSS-D-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.7    | mg/kg |
| RY277-NSB-D  | 09FC-RY277-NSB-D-002006 | 9/15/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | ALUMINUM      | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 6870   | mg/kg |
| RY277-NSB-D  | 09FC-RY277-NSB-D-002006 | 9/15/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 8300   | mg/kg |
| RY277-NSB-D  | 09FC-RY277-NSB-D-002006 | 9/15/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 525    | mg/kg |
| RY277-NSB-D  | 09FC-RY277-NSB-D-002006 | 9/15/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 2640   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY277-NSB-D  | 09FC-RY277-NSB-D-002006 | 9/15/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | MANGANESE     | 1.5                 | Y           | J-            | J-           |           | 1.5                 | mg/kg | 355    | mg/kg |
| RY277-NSB-D  | 09FC-RY277-NSB-D-002006 | 9/15/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 4.6    | mg/kg |
| RY277-NSB-D  | 09FC-RY277-NSB-D-002006 | 9/15/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | POTASSIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 981    | mg/kg |
| RY277-NSB-D  | 09FC-RY277-NSB-D-002006 | 9/15/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | SILVER        | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 1.9    | mg/kg |
| RY277-NSB-D  | 09FC-RY277-NSB-D-002006 | 9/15/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 56.9   | mg/kg |
| RY277-NSB-D  | 09FC-RY277-NSB-D-002006 | 9/15/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.7    | mg/kg |
| RY277-NSB-D  | 09FC-RY277-NSB-D-002006 | 9/15/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | ANTIMONY      | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 15.4   | mg/kg |
| RY277-NSB-D  | 09FC-RY277-NSB-D-002006 | 9/15/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 22.6   | mg/kg |
| RY277-NSB-D  | 09FC-RY277-NSB-D-002006 | 9/15/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | BARIUM        | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 119    | mg/kg |
| RY277-NSB-D  | 09FC-RY277-NSB-D-002006 | 9/15/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | BERYLLIUM     | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.55   | mg/kg |
| RY277-NSB-D  | 09FC-RY277-NSB-D-002006 | 9/15/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 3.7    | mg/kg |
| RY277-NSB-D  | 09FC-RY277-NSB-D-002006 | 9/15/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 6.7    | mg/kg |
| RY277-NSB-D  | 09FC-RY277-NSB-D-002006 | 9/15/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | COBALT        | 5                   | Y           | U             | U            | J         | 5                   | mg/kg | 5      | mg/kg |
| RY277-NSB-D  | 09FC-RY277-NSB-D-002006 | 9/15/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | COPPER        | 2.5                 | Y           | J             | J            |           | 2.5                 | mg/kg | 10.6   | mg/kg |
| RY277-NSB-D  | 09FC-RY277-NSB-D-002006 | 9/15/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 9.9    | mg/kg |
| RY277-NSB-D  | 09FC-RY277-NSB-D-002006 | 9/15/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | ZINC          | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 560    | mg/kg |
| RY277-NSB-D  | 09FC-RY277-NSB-D-002006 | 9/15/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 2620   | mg/kg |
| RY277-NSB-D  | 09FC-RY277-NSB-D-002006 | 9/15/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.8    | mg/kg |
| RY284-NSB-A  | 09FC-RY284-NSB-A-002006 | 9/15/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | ALUMINUM      | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 6330   | mg/kg |
| RY284-NSB-A  | 09FC-RY284-NSB-A-002006 | 9/15/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | IRON          | 10                  | Y           | R             | R            |           | 10                  | mg/kg | 9100   | mg/kg |
| RY284-NSB-A  | 09FC-RY284-NSB-A-002006 | 9/15/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 506    | mg/kg |
| RY284-NSB-A  | 09FC-RY284-NSB-A-002006 | 9/15/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 2430   | mg/kg |
| RY284-NSB-A  | 09FC-RY284-NSB-A-002006 | 9/15/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | MANGANESE     | 1.5                 | Y           | J-            | J-           |           | 1.5                 | mg/kg | 430    | mg/kg |
| RY284-NSB-A  | 09FC-RY284-NSB-A-002006 | 9/15/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | NICKEL        | 4                   | Y           | J             |              | J         | 4                   | mg/kg | 4.2    | mg/kg |
| RY284-NSB-A  | 09FC-RY284-NSB-A-002006 | 9/15/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | POTASSIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 849    | mg/kg |
| RY284-NSB-A  | 09FC-RY284-NSB-A-002006 | 9/15/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | SILVER        | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 4.7    | mg/kg |
| RY284-NSB-A  | 09FC-RY284-NSB-A-002006 | 9/15/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 54     | mg/kg |
| RY284-NSB-A  | 09FC-RY284-NSB-A-002006 | 9/15/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY284-NSB-A  | 09FC-RY284-NSB-A-002006 | 9/15/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | ANTIMONY      | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 22.2   | mg/kg |
| RY284-NSB-A  | 09FC-RY284-NSB-A-002006 | 9/15/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 28.9   | mg/kg |
| RY284-NSB-A  | 09FC-RY284-NSB-A-002006 | 9/15/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | BARIUM        | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 103    | mg/kg |
| RY284-NSB-A  | 09FC-RY284-NSB-A-002006 | 9/15/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | BERYLLIUM     | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.53   | mg/kg |
| RY284-NSB-A  | 09FC-RY284-NSB-A-002006 | 9/15/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 5.9    | mg/kg |
| RY284-NSB-A  | 09FC-RY284-NSB-A-002006 | 9/15/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 5.2    | mg/kg |
| RY284-NSB-A  | 09FC-RY284-NSB-A-002006 | 9/15/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | COBALT        | 5                   | Y           | U             | U            | J         | 5                   | mg/kg | 5      | mg/kg |
| RY284-NSB-A  | 09FC-RY284-NSB-A-002006 | 9/15/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | COPPER        | 2.5                 | Y           | J             | J            |           | 2.5                 | mg/kg | 8.8    | mg/kg |
| RY284-NSB-A  | 09FC-RY284-NSB-A-002006 | 9/15/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 8.6    | mg/kg |
| RY284-NSB-A  | 09FC-RY284-NSB-A-002006 | 9/15/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | ZINC          | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 904    | mg/kg |
| RY284-NSB-A  | 09FC-RY284-NSB-A-002006 | 9/15/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 1870   | mg/kg |
| RY284-NSB-A  | 09FC-RY284-NSB-A-002006 | 9/15/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.7    | mg/kg |
| RY284-NSB-A  | 09FC-RY284-NSB-A-006012 | 9/15/2009   | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | ALUMINUM      | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 3590   | mg/kg |
| RY284-NSB-A  | 09FC-RY284-NSB-A-006012 | 9/15/2009   | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | IRON          | 10                  | Y           | R             | R            |           | 10                  | mg/kg | 4790   | mg/kg |
| RY284-NSB-A  | 09FC-RY284-NSB-A-006012 | 9/15/2009   | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 232    | mg/kg |
| RY284-NSB-A  | 09FC-RY284-NSB-A-006012 | 9/15/2009   | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 1540   | mg/kg |
| RY284-NSB-A  | 09FC-RY284-NSB-A-006012 | 9/15/2009   | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | MANGANESE     | 1.5                 | Y           | J-            | J-           |           | 1.5                 | mg/kg | 156    | mg/kg |
| RY284-NSB-A  | 09FC-RY284-NSB-A-006012 | 9/15/2009   | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | NICKEL        | 4                   | Y           | J             |              | J         | 4                   | mg/kg | 2.6    | mg/kg |
| RY284-NSB-A  | 09FC-RY284-NSB-A-006012 | 9/15/2009   | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | POTASSIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 582    | mg/kg |
| RY284-NSB-A  | 09FC-RY284-NSB-A-006012 | 9/15/2009   | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | SILVER        | 1                   | Y           | J             | J            | J         | 1                   | mg/kg | 0.73   | mg/kg |



## Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                         |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY284-NSB-A  | 09FC-RY284-NSB-A-006012 | 9/15/2009   | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | SODIUM        | 500           | Y           | J             |              | J         | 500                 | mg/kg | 36.9   | mg/kg |
| RY284-NSB-A  | 09FC-RY284-NSB-A-006012 | 9/15/2009   | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY284-NSB-A  | 09FC-RY284-NSB-A-006012 | 9/15/2009   | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | ANTIMONY      | 6             | Y           | J             | J            |           | 6                   | mg/kg | 7.9    | mg/kg |
| RY284-NSB-A  | 09FC-RY284-NSB-A-006012 | 9/15/2009   | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | ARSENIC       | 1             | Y           | J             | J            |           | 1                   | mg/kg | 7.3    | mg/kg |
| RY284-NSB-A  | 09FC-RY284-NSB-A-006012 | 9/15/2009   | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | BARIUM        | 20            | Y           | J             | J            |           | 20                  | mg/kg | 59.1   | mg/kg |
| RY284-NSB-A  | 09FC-RY284-NSB-A-006012 | 9/15/2009   | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | BERYLLIUM     | 0.5           | N           | U             |              | U         | 0.5                 | mg/kg | 0.53   | mg/kg |
| RY284-NSB-A  | 09FC-RY284-NSB-A-006012 | 9/15/2009   | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | CADMIUM       | 0.5           | Y           |               |              |           | 0.5                 | mg/kg | 0.83   | mg/kg |
| RY284-NSB-A  | 09FC-RY284-NSB-A-006012 | 9/15/2009   | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | CHROMIUM      | 1             | Y           |               |              |           | 1                   | mg/kg | 4.3    | mg/kg |
| RY284-NSB-A  | 09FC-RY284-NSB-A-006012 | 9/15/2009   | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | COBALT        | 5             | Y           | U             | U            | J         | 5                   | mg/kg | 5      | mg/kg |
| RY284-NSB-A  | 09FC-RY284-NSB-A-006012 | 9/15/2009   | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | COPPER        | 2.5           | Y           | J             | J            |           | 2.5                 | mg/kg | 5.6    | mg/kg |
| RY284-NSB-A  | 09FC-RY284-NSB-A-006012 | 9/15/2009   | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | VANADIUM      | 5             | Y           |               |              |           | 5                   | mg/kg | 5.4    | mg/kg |
| RY284-NSB-A  | 09FC-RY284-NSB-A-006012 | 9/15/2009   | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | ZINC          | 6             | Y           | J-            | J-           |           | 6                   | mg/kg | 210    | mg/kg |
| RY284-NSB-A  | 09FC-RY284-NSB-A-006012 | 9/15/2009   | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | CALCIUM       | 500           | Y           | J             | J            |           | 500                 | mg/kg | 1980   | mg/kg |
| RY284-NSB-A  | 09FC-RY284-NSB-A-006012 | 9/15/2009   | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | SELENIUM      | 3.5           | N           | U             |              | U         | 3.5                 | mg/kg | 3.7    | mg/kg |
| RY284-NSS-A  | 09FC-RY284-NSS-A-000002 | 9/15/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | ALUMINUM      | 20            | Y           | J             | J            |           | 20                  | mg/kg | 7840   | mg/kg |
| RY284-NSS-A  | 09FC-RY284-NSS-A-000002 | 9/15/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | IRON          | 10            | Y           | R             | R            |           | 10                  | mg/kg | 16600  | mg/kg |
| RY284-NSS-A  | 09FC-RY284-NSS-A-000002 | 9/15/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | LEAD          | 1             | Y           | J             | J            |           | 1                   | mg/kg | 1020   | mg/kg |
| RY284-NSS-A  | 09FC-RY284-NSS-A-000002 | 9/15/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 6360   | mg/kg |
| RY284-NSS-A  | 09FC-RY284-NSS-A-000002 | 9/15/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | MANGANESE     | 1.5           | Y           | J-            | J-           |           | 1.5                 | mg/kg | 726    | mg/kg |
| RY284-NSS-A  | 09FC-RY284-NSS-A-000002 | 9/15/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | NICKEL        | 4             | Y           |               |              |           | 4                   | mg/kg | 8.7    | mg/kg |
| RY284-NSS-A  | 09FC-RY284-NSS-A-000002 | 9/15/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | POTASSIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 1700   | mg/kg |
| RY284-NSS-A  | 09FC-RY284-NSS-A-000002 | 9/15/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | SILVER        | 1             | Y           | J             | J            |           | 1                   | mg/kg | 8      | mg/kg |
| RY284-NSS-A  | 09FC-RY284-NSS-A-000002 | 9/15/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | SODIUM        | 500           | Y           | J             |              | J         | 500                 | mg/kg | 96.2   | mg/kg |
| RY284-NSS-A  | 09FC-RY284-NSS-A-000002 | 9/15/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 4.2    | mg/kg |
| RY284-NSS-A  | 09FC-RY284-NSS-A-000002 | 9/15/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | ANTIMONY      | 6             | Y           | J             | J            |           | 6                   | mg/kg | 65.8   | mg/kg |
| RY284-NSS-A  | 09FC-RY284-NSS-A-000002 | 9/15/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | ARSENIC       | 1             | Y           | J             | J            |           | 1                   | mg/kg | 157    | mg/kg |
| RY284-NSS-A  | 09FC-RY284-NSS-A-000002 | 9/15/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | BARIUM        | 20            | Y           | J             | J            |           | 20                  | mg/kg | 158    | mg/kg |
| RY284-NSS-A  | 09FC-RY284-NSS-A-000002 | 9/15/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | BERYLLIUM     | 0.5           | N           | U             |              | U         | 0.5                 | mg/kg | 0.84   | mg/kg |
| RY284-NSS-A  | 09FC-RY284-NSS-A-000002 | 9/15/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | CADMIUM       | 0.5           | Y           |               |              |           | 0.5                 | mg/kg | 6.6    | mg/kg |
| RY284-NSS-A  | 09FC-RY284-NSS-A-000002 | 9/15/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | CHROMIUM      | 1             | Y           |               |              |           | 1                   | mg/kg | 7      | mg/kg |
| RY284-NSS-A  | 09FC-RY284-NSS-A-000002 | 9/15/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | COBALT        | 5             | Y           | J             |              | J         | 5                   | mg/kg | 6.2    | mg/kg |
| RY284-NSS-A  | 09FC-RY284-NSS-A-000002 | 9/15/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | COPPER        | 2.5           | Y           | J             | J            |           | 2.5                 | mg/kg | 20.8   | mg/kg |
| RY284-NSS-A  | 09FC-RY284-NSS-A-000002 | 9/15/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | VANADIUM      | 5             | Y           |               |              |           | 5                   | mg/kg | 10.1   | mg/kg |
| RY284-NSS-A  | 09FC-RY284-NSS-A-000002 | 9/15/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | ZINC          | 6             | Y           | J-            | J-           |           | 6                   | mg/kg | 1210   | mg/kg |
| RY284-NSS-A  | 09FC-RY284-NSS-A-000002 | 9/15/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | CALCIUM       | 500           | Y           | J             | J            |           | 500                 | mg/kg | 16600  | mg/kg |
| RY284-NSS-A  | 09FC-RY284-NSS-A-000002 | 9/15/2009   | N           | 0           | 2         | in         | C200.7          | 11/29/2009    | SELENIUM      | 3.5           | N           | U             |              | U         | 3.5                 | mg/kg | 5.9    | mg/kg |
| RY289-NSB-F  | 09FC-RY289-NSB-F-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | ALUMINUM      | 20            | Y           | J-            | J-           |           | 20                  | mg/kg | 4900   | mg/kg |
| RY289-NSB-F  | 09FC-RY289-NSB-F-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | IRON          | 10            | Y           | J-            | J-           |           | 10                  | mg/kg | 9290   | mg/kg |
| RY289-NSB-F  | 09FC-RY289-NSB-F-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | LEAD          | 1             | Y           | J-            | J-           |           | 1                   | mg/kg | 763    | mg/kg |
| RY289-NSB-F  | 09FC-RY289-NSB-F-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 3160   | mg/kg |
| RY289-NSB-F  | 09FC-RY289-NSB-F-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | MANGANESE     | 1.5           | Y           | J-            | J-           |           | 1.5                 | mg/kg | 416    | mg/kg |
| RY289-NSB-F  | 09FC-RY289-NSB-F-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | NICKEL        | 4             | Y           |               |              |           | 4                   | mg/kg | 5.1    | mg/kg |
| RY289-NSB-F  | 09FC-RY289-NSB-F-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | POTASSIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 914    | mg/kg |
| RY289-NSB-F  | 09FC-RY289-NSB-F-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | SILVER        | 1             | Y           | J             | J            |           | 1                   | mg/kg | 6.9    | mg/kg |
| RY289-NSB-F  | 09FC-RY289-NSB-F-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | SODIUM        | 500           | Y           | J             |              | J         | 500                 | mg/kg | 64.9   | mg/kg |
| RY289-NSB-F  | 09FC-RY289-NSB-F-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY289-NSB-F  | 09FC-RY289-NSB-F-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | ANTIMONY      | 6             | Y           | J             | J            |           | 6                   | mg/kg | 33.5   | mg/kg |
| RY289-NSB-F  | 09FC-RY289-NSB-F-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | ARSENIC       | 1             | Y           | J             | J            |           | 1                   | mg/kg | 287    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY289-NSB-F  | 09FC-RY289-NSB-F-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | BARIUM        | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 102    | mg/kg |
| RY289-NSB-F  | 09FC-RY289-NSB-F-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | BERYLLIUM     | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.52   | mg/kg |
| RY289-NSB-F  | 09FC-RY289-NSB-F-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 4.2    | mg/kg |
| RY289-NSB-F  | 09FC-RY289-NSB-F-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 4.5    | mg/kg |
| RY289-NSB-F  | 09FC-RY289-NSB-F-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | COBALT        | 5                   | Y           | U             | U            | J         | 5                   | mg/kg | 5      | mg/kg |
| RY289-NSB-F  | 09FC-RY289-NSB-F-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | COPPER        | 2.5                 | Y           | J             | J            |           | 2.5                 | mg/kg | 11.6   | mg/kg |
| RY289-NSB-F  | 09FC-RY289-NSB-F-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 5.5    | mg/kg |
| RY289-NSB-F  | 09FC-RY289-NSB-F-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | ZINC          | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 705    | mg/kg |
| RY289-NSB-F  | 09FC-RY289-NSB-F-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 9310   | mg/kg |
| RY289-NSB-F  | 09FC-RY289-NSB-F-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.6    | mg/kg |
| RY289-NSB-G  | 09FC-RY289-NSB-G-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | ALUMINUM      | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 2670   | mg/kg |
| RY289-NSB-G  | 09FC-RY289-NSB-G-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | IRON          | 10                  | Y           | R             | R            |           | 10                  | mg/kg | 36300  | mg/kg |
| RY289-NSB-G  | 09FC-RY289-NSB-G-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 7080   | mg/kg |
| RY289-NSB-G  | 09FC-RY289-NSB-G-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 1690   | mg/kg |
| RY289-NSB-G  | 09FC-RY289-NSB-G-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | MANGANESE     | 1.5                 | Y           | J-            | J-           |           | 1.5                 | mg/kg | 1490   | mg/kg |
| RY289-NSB-G  | 09FC-RY289-NSB-G-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | NICKEL        | 4                   | Y           | J             |              | J         | 4                   | mg/kg | 1.4    | mg/kg |
| RY289-NSB-G  | 09FC-RY289-NSB-G-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | POTASSIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 656    | mg/kg |
| RY289-NSB-G  | 09FC-RY289-NSB-G-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | SILVER        | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 64.4   | mg/kg |
| RY289-NSB-G  | 09FC-RY289-NSB-G-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 20.5   | mg/kg |
| RY289-NSB-G  | 09FC-RY289-NSB-G-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY289-NSB-G  | 09FC-RY289-NSB-G-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | ANTIMONY      | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 900    | mg/kg |
| RY289-NSB-G  | 09FC-RY289-NSB-G-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | BARIUM        | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 39.9   | mg/kg |
| RY289-NSB-G  | 09FC-RY289-NSB-G-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | BERYLLIUM     | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.51   | mg/kg |
| RY289-NSB-G  | 09FC-RY289-NSB-G-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 11.7   | mg/kg |
| RY289-NSB-G  | 09FC-RY289-NSB-G-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | CHROMIUM      | 1                   | Y           | J             |              | J         | 1                   | mg/kg | 0.92   | mg/kg |
| RY289-NSB-G  | 09FC-RY289-NSB-G-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | COBALT        | 5                   | Y           | U             | U            | J         | 5                   | mg/kg | 5      | mg/kg |
| RY289-NSB-G  | 09FC-RY289-NSB-G-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | COPPER        | 2.5                 | Y           | J             | J            |           | 2.5                 | mg/kg | 36     | mg/kg |
| RY289-NSB-G  | 09FC-RY289-NSB-G-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | VANADIUM      | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 3.4    | mg/kg |
| RY289-NSB-G  | 09FC-RY289-NSB-G-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | ZINC          | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 2050   | mg/kg |
| RY289-NSB-G  | 09FC-RY289-NSB-G-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 1160   | mg/kg |
| RY289-NSB-G  | 09FC-RY289-NSB-G-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.6    | mg/kg |
| RY102-NSS-A  | 09FC-RY102-NSS-A-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 8180   | mg/kg |
| RY102-NSS-A  | 09FC-RY102-NSS-A-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 14900  | mg/kg |
| RY102-NSS-A  | 09FC-RY102-NSS-A-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 250    | mg/kg |
| RY102-NSS-A  | 09FC-RY102-NSS-A-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 3280   | mg/kg |
| RY102-NSS-A  | 09FC-RY102-NSS-A-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 517    | mg/kg |
| RY102-NSS-A  | 09FC-RY102-NSS-A-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 8.2    | mg/kg |
| RY102-NSS-A  | 09FC-RY102-NSS-A-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | POTASSIUM     | 500                 | Y           | J-            | J-           |           | 500                 | mg/kg | 1520   | mg/kg |
| RY102-NSS-A  | 09FC-RY102-NSS-A-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | SILVER        | 1                   | Y           | J+            | J+           | J         | 1                   | mg/kg | 0.96   | mg/kg |
| RY102-NSS-A  | 09FC-RY102-NSS-A-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY102-NSS-A  | 09FC-RY102-NSS-A-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.8    | mg/kg |
| RY102-NSS-A  | 09FC-RY102-NSS-A-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | ANTIMONY      | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 7.8    | mg/kg |
| RY102-NSS-A  | 09FC-RY102-NSS-A-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 30.7   | mg/kg |
| RY102-NSS-A  | 09FC-RY102-NSS-A-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 179    | mg/kg |
| RY102-NSS-A  | 09FC-RY102-NSS-A-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.28   | mg/kg |
| RY102-NSS-A  | 09FC-RY102-NSS-A-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | CADMIUM       | 0.5                 | Y           | J             | J            |           | 0.5                 | mg/kg | 1.3    | mg/kg |
| RY102-NSS-A  | 09FC-RY102-NSS-A-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | CHROMIUM      | 1                   | Y           | J-            | J-           |           | 1                   | mg/kg | 7      | mg/kg |
| RY102-NSS-A  | 09FC-RY102-NSS-A-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 5.3    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY102-NSS-A  | 09FC-RY102-NSS-A-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 23     | mg/kg |
| RY102-NSS-A  | 09FC-RY102-NSS-A-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 9      | mg/kg |
| RY102-NSS-A  | 09FC-RY102-NSS-A-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | ZINC          | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 303    | mg/kg |
| RY102-NSS-A  | 09FC-RY102-NSS-A-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 8210   | mg/kg |
| RY102-NSS-A  | 09FC-RY102-NSS-A-000002 | 8/20/2009   | N           | 0           | 2         | in         | C200.7          | 10/12/2009    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 1.1    | mg/kg |
| RY157-NSB-A  | 09FC-RY157-NSB-A-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 11300  | mg/kg |
| RY157-NSB-A  | 09FC-RY157-NSB-A-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | IRON          | 10                  | Y           |               |              |           | 10                  | mg/kg | 10800  | mg/kg |
| RY157-NSB-A  | 09FC-RY157-NSB-A-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 8.3    | mg/kg |
| RY157-NSB-A  | 09FC-RY157-NSB-A-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3000   | mg/kg |
| RY157-NSB-A  | 09FC-RY157-NSB-A-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 383    | mg/kg |
| RY157-NSB-A  | 09FC-RY157-NSB-A-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 7.7    | mg/kg |
| RY157-NSB-A  | 09FC-RY157-NSB-A-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | POTASSIUM     | 500                 | Y           | J-            | J-           |           | 500                 | mg/kg | 970    | mg/kg |
| RY157-NSB-A  | 09FC-RY157-NSB-A-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 0.73   | mg/kg |
| RY157-NSB-A  | 09FC-RY157-NSB-A-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY157-NSB-A  | 09FC-RY157-NSB-A-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 1.8    | mg/kg |
| RY157-NSB-A  | 09FC-RY157-NSB-A-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | ANTIMONY      | 6                   | Y           | J             | J            | J         | 6                   | mg/kg | 0.79   | mg/kg |
| RY157-NSB-A  | 09FC-RY157-NSB-A-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 2.6    | mg/kg |
| RY157-NSB-A  | 09FC-RY157-NSB-A-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 143    | mg/kg |
| RY157-NSB-A  | 09FC-RY157-NSB-A-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | BERYLLIUM     | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 0.42   | mg/kg |
| RY157-NSB-A  | 09FC-RY157-NSB-A-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | CADMIUM       | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.37   | mg/kg |
| RY157-NSB-A  | 09FC-RY157-NSB-A-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 6.4    | mg/kg |
| RY157-NSB-A  | 09FC-RY157-NSB-A-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 5.6    | mg/kg |
| RY157-NSB-A  | 09FC-RY157-NSB-A-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | COPPER        | 2.5                 | Y           | J             | J            |           | 2.5                 | mg/kg | 8.2    | mg/kg |
| RY157-NSB-A  | 09FC-RY157-NSB-A-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 13.5   | mg/kg |
| RY157-NSB-A  | 09FC-RY157-NSB-A-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | ZINC          | 6                   | Y           |               |              |           | 6                   | mg/kg | 32.4   | mg/kg |
| RY157-NSB-A  | 09FC-RY157-NSB-A-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 2040   | mg/kg |
| RY157-NSB-A  | 09FC-RY157-NSB-A-006012 | 8/27/2009   | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.59   | mg/kg |
| RY289-NSB-G  | 09FC-RY289-NSB-G-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/30/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 1500   | mg/kg |
| RY289-NSB-I  | 09FC-RY289-NSB-I-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | ALUMINUM      | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 5150   | mg/kg |
| RY289-NSB-I  | 09FC-RY289-NSB-I-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | IRON          | 10                  | Y           | R             | R            |           | 10                  | mg/kg | 8650   | mg/kg |
| RY289-NSB-I  | 09FC-RY289-NSB-I-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 145    | mg/kg |
| RY289-NSB-I  | 09FC-RY289-NSB-I-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 3370   | mg/kg |
| RY289-NSB-I  | 09FC-RY289-NSB-I-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | MANGANESE     | 1.5                 | Y           | J-            | J-           |           | 1.5                 | mg/kg | 331    | mg/kg |
| RY289-NSB-I  | 09FC-RY289-NSB-I-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 5.1    | mg/kg |
| RY289-NSB-I  | 09FC-RY289-NSB-I-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | POTASSIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 954    | mg/kg |
| RY289-NSB-I  | 09FC-RY289-NSB-I-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | SILVER        | 1                   | Y           | J             | J            | J         | 1                   | mg/kg | 0.78   | mg/kg |
| RY289-NSB-I  | 09FC-RY289-NSB-I-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 29.7   | mg/kg |
| RY289-NSB-I  | 09FC-RY289-NSB-I-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY289-NSB-I  | 09FC-RY289-NSB-I-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | ANTIMONY      | 6                   | Y           | J             | J            | J         | 6                   | mg/kg | 5      | mg/kg |
| RY289-NSB-I  | 09FC-RY289-NSB-I-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 19.7   | mg/kg |
| RY289-NSB-I  | 09FC-RY289-NSB-I-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | BARIUM        | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 71.3   | mg/kg |
| RY289-NSB-I  | 09FC-RY289-NSB-I-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | BERYLLIUM     | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.51   | mg/kg |
| RY289-NSB-I  | 09FC-RY289-NSB-I-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 1.2    | mg/kg |
| RY289-NSB-I  | 09FC-RY289-NSB-I-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 5.3    | mg/kg |
| RY289-NSB-I  | 09FC-RY289-NSB-I-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | COBALT        | 5                   | Y           | U             | U            | J         | 5                   | mg/kg | 5      | mg/kg |
| RY289-NSB-I  | 09FC-RY289-NSB-I-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | COPPER        | 2.5                 | Y           | J             | J            |           | 2.5                 | mg/kg | 8.4    | mg/kg |
| RY289-NSB-I  | 09FC-RY289-NSB-I-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 6.7    | mg/kg |
| RY289-NSB-I  | 09FC-RY289-NSB-I-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | ZINC          | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 254    | mg/kg |

## Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report | detect flag | interp. quals | valid. quals | lab quals | report | result | unit  | result | unit |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|--------|-------------|---------------|--------------|-----------|--------|--------|-------|--------|------|
|              |                         |             |             |             |           |            |                 |               |               | limit  |             |               |              |           | detect |        |       |        |      |
| RY289-NSB-I  | 09FC-RY289-NSB-I-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | CALCIUM       | 500    | Y           | J             | J            |           | 500    | mg/kg  | 2560  | mg/kg  |      |
| RY289-NSB-I  | 09FC-RY289-NSB-I-002006 | 9/16/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | SELENIUM      | 3.5    | N           | U             |              | U         | 3.5    | mg/kg  | 3.6   | mg/kg  |      |
| RY289-NSB-I  | 09FC-RY289-NSB-I-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | ALUMINUM      | 20     | Y           | J             | J            |           | 20     | mg/kg  | 4920  | mg/kg  |      |
| RY289-NSB-I  | 09FC-RY289-NSB-I-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | IRON          | 10     | Y           | R             | R            |           | 10     | mg/kg  | 8980  | mg/kg  |      |
| RY289-NSB-I  | 09FC-RY289-NSB-I-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | LEAD          | 1      | Y           | J             | J            |           | 1      | mg/kg  | 148   | mg/kg  |      |
| RY289-NSB-I  | 09FC-RY289-NSB-I-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | MAGNESIUM     | 500    | Y           | J             | J            |           | 500    | mg/kg  | 3260  | mg/kg  |      |
| RY289-NSB-I  | 09FC-RY289-NSB-I-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | MANGANESE     | 1.5    | Y           | J-            | J-           |           | 1.5    | mg/kg  | 413   | mg/kg  |      |
| RY289-NSB-I  | 09FC-RY289-NSB-I-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | NICKEL        | 4      | Y           |               |              |           | 4      | mg/kg  | 4.9   | mg/kg  |      |
| RY289-NSB-I  | 09FC-RY289-NSB-I-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | POTASSIUM     | 500    | Y           | J             | J            |           | 500    | mg/kg  | 860   | mg/kg  |      |
| RY289-NSB-I  | 09FC-RY289-NSB-I-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | SILVER        | 1      | Y           | J             | J            | J         | 1      | mg/kg  | 0.92  | mg/kg  |      |
| RY289-NSB-I  | 09FC-RY289-NSB-I-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | SODIUM        | 500    | Y           | J             |              | J         | 500    | mg/kg  | 29    | mg/kg  |      |
| RY289-NSB-I  | 09FC-RY289-NSB-I-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | THALLIUM      | 2.5    | N           | U             |              | U         | 2.5    | mg/kg  | 2.5   | mg/kg  |      |
| RY289-NSB-I  | 09FC-RY289-NSB-I-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | ANTIMONY      | 6      | Y           | J             | J            | J         | 6      | mg/kg  | 5.7   | mg/kg  |      |
| RY289-NSB-I  | 09FC-RY289-NSB-I-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | ARSENIC       | 1      | Y           | J             | J            |           | 1      | mg/kg  | 25    | mg/kg  |      |
| RY289-NSB-I  | 09FC-RY289-NSB-I-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | BARIUM        | 20     | Y           | J             | J            |           | 20     | mg/kg  | 73.7  | mg/kg  |      |
| RY289-NSB-I  | 09FC-RY289-NSB-I-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | BERYLLIUM     | 0.5    | N           | U             |              | U         | 0.5    | mg/kg  | 0.51  | mg/kg  |      |
| RY289-NSB-I  | 09FC-RY289-NSB-I-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | CADMIUM       | 0.5    | Y           |               |              |           | 0.5    | mg/kg  | 1     | mg/kg  |      |
| RY289-NSB-I  | 09FC-RY289-NSB-I-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | CHROMIUM      | 1      | Y           |               |              |           | 1      | mg/kg  | 4.9   | mg/kg  |      |
| RY289-NSB-I  | 09FC-RY289-NSB-I-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | COBALT        | 5      | Y           | U             | U            | J         | 5      | mg/kg  | 5     | mg/kg  |      |
| RY289-NSB-I  | 09FC-RY289-NSB-I-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | COPPER        | 2.5    | Y           | J             | J            |           | 2.5    | mg/kg  | 8.3   | mg/kg  |      |
| RY289-NSB-I  | 09FC-RY289-NSB-I-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | VANADIUM      | 5      | Y           |               |              |           | 5      | mg/kg  | 6.2   | mg/kg  |      |
| RY289-NSB-I  | 09FC-RY289-NSB-I-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | ZINC          | 6      | Y           | J-            | J-           |           | 6      | mg/kg  | 197   | mg/kg  |      |
| RY289-NSB-I  | 09FC-RY289-NSB-I-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | CALCIUM       | 500    | Y           | J             | J            |           | 500    | mg/kg  | 2550  | mg/kg  |      |
| RY289-NSB-I  | 09FC-RY289-NSB-I-006012 | 9/16/2009   | N           | 6           | 12        | in         | C200.7          | 11/29/2009    | SELENIUM      | 3.5    | N           | U             |              | U         | 3.5    | mg/kg  | 3.6   | mg/kg  |      |
| RY289-NSS-F  | 09FC-RY289-NSS-F-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | ALUMINUM      | 20     | Y           | J+            | J+           |           | 20     | mg/kg  | 4100  | mg/kg  |      |
| RY289-NSS-F  | 09FC-RY289-NSS-F-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | IRON          | 10     | Y           | R             | RJ-          |           | 10     | mg/kg  | 12200 | mg/kg  |      |
| RY289-NSS-F  | 09FC-RY289-NSS-F-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | LEAD          | 1      | Y           | J             | J            |           | 1      | mg/kg  | 677   | mg/kg  |      |
| RY289-NSS-F  | 09FC-RY289-NSS-F-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | MAGNESIUM     | 500    | Y           | J             | J            |           | 500    | mg/kg  | 4520  | mg/kg  |      |
| RY289-NSS-F  | 09FC-RY289-NSS-F-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | MANGANESE     | 1.5    | Y           | J-            | J-           |           | 1.5    | mg/kg  | 564   | mg/kg  |      |
| RY289-NSS-F  | 09FC-RY289-NSS-F-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | NICKEL        | 4      | Y           | J             | J            |           | 4      | mg/kg  | 4.8   | mg/kg  |      |
| RY289-NSS-F  | 09FC-RY289-NSS-F-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | POTASSIUM     | 500    | Y           |               |              |           | 500    | mg/kg  | 952   | mg/kg  |      |
| RY289-NSS-F  | 09FC-RY289-NSS-F-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | SILVER        | 1      | Y           | J             | J            |           | 1      | mg/kg  | 6.1   | mg/kg  |      |
| RY289-NSS-F  | 09FC-RY289-NSS-F-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | SODIUM        | 500    | Y           | J             |              | J         | 500    | mg/kg  | 97.3  | mg/kg  |      |
| RY289-NSS-F  | 09FC-RY289-NSS-F-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | THALLIUM      | 2.5    | N           | U             |              | U         | 2.5    | mg/kg  | 2.9   | mg/kg  |      |
| RY289-NSS-F  | 09FC-RY289-NSS-F-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | ANTIMONY      | 6      | Y           | J             | J            |           | 6      | mg/kg  | 18.5  | mg/kg  |      |
| RY289-NSS-F  | 09FC-RY289-NSS-F-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | ARSENIC       | 1      | Y           | J             | J            |           | 1      | mg/kg  | 65.3  | mg/kg  |      |
| RY289-NSS-F  | 09FC-RY289-NSS-F-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | BARIUM        | 20     | Y           | J             | J            |           | 20     | mg/kg  | 61.8  | mg/kg  |      |
| RY289-NSS-F  | 09FC-RY289-NSS-F-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | BERYLLIUM     | 0.5    | N           | UJ            | UJ           | U         | 0.5    | mg/kg  | 0.58  | mg/kg  |      |
| RY289-NSS-F  | 09FC-RY289-NSS-F-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | CADMIUM       | 0.5    | Y           | J             | J            |           | 0.5    | mg/kg  | 3.8   | mg/kg  |      |
| RY289-NSS-F  | 09FC-RY289-NSS-F-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | CHROMIUM      | 1      | Y           | J             | J            |           | 1      | mg/kg  | 4.3   | mg/kg  |      |
| RY289-NSS-F  | 09FC-RY289-NSS-F-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | COBALT        | 5      | Y           | J             | J            | J         | 5      | mg/kg  | 3.2   | mg/kg  |      |
| RY289-NSS-F  | 09FC-RY289-NSS-F-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | COPPER        | 2.5    | Y           |               |              |           | 2.5    | mg/kg  | 11.6  | mg/kg  |      |
| RY289-NSS-F  | 09FC-RY289-NSS-F-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | VANADIUM      | 5      | Y           | J             |              | J         | 5      | mg/kg  | 4.1   | mg/kg  |      |
| RY289-NSS-F  | 09FC-RY289-NSS-F-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | ZINC          | 6      | Y           | J-            | J-           |           | 6      | mg/kg  | 526   | mg/kg  |      |
| RY289-NSS-F  | 09FC-RY289-NSS-F-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | CALCIUM       | 500    | Y           | J             | J            |           | 500    | mg/kg  | 15300 | mg/kg  |      |
| RY289-NSS-F  | 09FC-RY289-NSS-F-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | SELENIUM      | 3.5    | N           | UJ            | UJ           | U         | 3.5    | mg/kg  | 4.1   | mg/kg  |      |
| RY289-NSS-G  | 09FC-RY289-NSS-G-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | ALUMINUM      | 20     | Y           | J+            | J+           |           | 20     | mg/kg  | 4900  | mg/kg  |      |
| RY289-NSS-G  | 09FC-RY289-NSS-G-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | IRON          | 10     | Y           | R             | RJ-          |           | 10     | mg/kg  | 24400 | mg/kg  |      |

## Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY289-NSS-G  | 09FC-RY289-NSS-G-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 2750   | mg/kg |
| RY289-NSS-G  | 09FC-RY289-NSS-G-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 2380   | mg/kg |
| RY289-NSS-G  | 09FC-RY289-NSS-G-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | MANGANESE     | 1.5                 | Y           | J-            | J-           |           | 1.5                 | mg/kg | 1270   | mg/kg |
| RY289-NSS-G  | 09FC-RY289-NSS-G-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | NICKEL        | 4                   | Y           | J             | J            | J         | 4                   | mg/kg | 3.4    | mg/kg |
| RY289-NSS-G  | 09FC-RY289-NSS-G-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 927    | mg/kg |
| RY289-NSS-G  | 09FC-RY289-NSS-G-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | SILVER        | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 22.3   | mg/kg |
| RY289-NSS-G  | 09FC-RY289-NSS-G-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 44.4   | mg/kg |
| RY289-NSS-G  | 09FC-RY289-NSS-G-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.8    | mg/kg |
| RY289-NSS-G  | 09FC-RY289-NSS-G-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | ANTIMONY      | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 182    | mg/kg |
| RY289-NSS-G  | 09FC-RY289-NSS-G-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 1340   | mg/kg |
| RY289-NSS-G  | 09FC-RY289-NSS-G-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | BARIUM        | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 75.1   | mg/kg |
| RY289-NSS-G  | 09FC-RY289-NSS-G-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | BERYLLIUM     | 0.5                 | N           | UJ            | UJ           | U         | 0.5                 | mg/kg | 0.56   | mg/kg |
| RY289-NSS-G  | 09FC-RY289-NSS-G-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | CADMIUM       | 0.5                 | Y           | J             | J            |           | 0.5                 | mg/kg | 9.2    | mg/kg |
| RY289-NSS-G  | 09FC-RY289-NSS-G-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | CHROMIUM      | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 3.7    | mg/kg |
| RY289-NSS-G  | 09FC-RY289-NSS-G-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | COBALT        | 5                   | Y           | J             | J            | J         | 5                   | mg/kg | 4.9    | mg/kg |
| RY289-NSS-G  | 09FC-RY289-NSS-G-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 20.3   | mg/kg |
| RY289-NSS-G  | 09FC-RY289-NSS-G-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 5.9    | mg/kg |
| RY289-NSS-G  | 09FC-RY289-NSS-G-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | ZINC          | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 1460   | mg/kg |
| RY289-NSS-G  | 09FC-RY289-NSS-G-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 2820   | mg/kg |
| RY289-NSS-G  | 09FC-RY289-NSS-G-000002 | 9/16/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | SELENIUM      | 3.5                 | N           | UJ            | UJ           | U         | 3.5                 | mg/kg | 3.9    | mg/kg |
| RY302-NSB-D  | 09FC-RY302-NSB-D-006012 | 9/17/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | ALUMINUM      | 20                  | Y           | J+            | J+           |           | 20                  | mg/kg | 10100  | mg/kg |
| RY302-NSB-D  | 09FC-RY302-NSB-D-006012 | 9/17/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | IRON          | 10                  | Y           | R             | RJ-          |           | 10                  | mg/kg | 9340   | mg/kg |
| RY302-NSB-D  | 09FC-RY302-NSB-D-006012 | 9/17/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 48.2   | mg/kg |
| RY302-NSB-D  | 09FC-RY302-NSB-D-006012 | 9/17/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 3610   | mg/kg |
| RY302-NSB-D  | 09FC-RY302-NSB-D-006012 | 9/17/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | MANGANESE     | 1.5                 | Y           | J-            | J-           |           | 1.5                 | mg/kg | 334    | mg/kg |
| RY302-NSB-D  | 09FC-RY302-NSB-D-006012 | 9/17/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | NICKEL        | 4                   | Y           | J             | J            |           | 4                   | mg/kg | 6.6    | mg/kg |
| RY302-NSB-D  | 09FC-RY302-NSB-D-006012 | 9/17/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1280   | mg/kg |
| RY302-NSB-D  | 09FC-RY302-NSB-D-006012 | 9/17/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | SILVER        | 1                   | N           | UJ            | UJ           | U         | 1                   | mg/kg | 1      | mg/kg |
| RY302-NSB-D  | 09FC-RY302-NSB-D-006012 | 9/17/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 120    | mg/kg |
| RY302-NSB-D  | 09FC-RY302-NSB-D-006012 | 9/17/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY302-NSB-D  | 09FC-RY302-NSB-D-006012 | 9/17/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | ANTIMONY      | 6                   | N           | UJ            | UJ           | U         | 6                   | mg/kg | 6.3    | mg/kg |
| RY302-NSB-D  | 09FC-RY302-NSB-D-006012 | 9/17/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 5.9    | mg/kg |
| RY302-NSB-D  | 09FC-RY302-NSB-D-006012 | 9/17/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | BARIUM        | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 124    | mg/kg |
| RY302-NSB-D  | 09FC-RY302-NSB-D-006012 | 9/17/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | BERYLLIUM     | 0.5                 | N           | UJ            | UJ           | U         | 0.5                 | mg/kg | 0.52   | mg/kg |
| RY302-NSB-D  | 09FC-RY302-NSB-D-006012 | 9/17/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | CADMIUM       | 0.5                 | Y           | J             | J            | J         | 0.5                 | mg/kg | 0.45   | mg/kg |
| RY302-NSB-D  | 09FC-RY302-NSB-D-006012 | 9/17/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | CHROMIUM      | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 5.6    | mg/kg |
| RY302-NSB-D  | 09FC-RY302-NSB-D-006012 | 9/17/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | COBALT        | 5                   | Y           | J             | J            | J         | 5                   | mg/kg | 4.4    | mg/kg |
| RY302-NSB-D  | 09FC-RY302-NSB-D-006012 | 9/17/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 14.1   | mg/kg |
| RY302-NSB-D  | 09FC-RY302-NSB-D-006012 | 9/17/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 8.8    | mg/kg |
| RY302-NSB-D  | 09FC-RY302-NSB-D-006012 | 9/17/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | ZINC          | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 84.5   | mg/kg |
| RY302-NSB-D  | 09FC-RY302-NSB-D-006012 | 9/17/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 4360   | mg/kg |
| RY302-NSB-D  | 09FC-RY302-NSB-D-006012 | 9/17/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | SELENIUM      | 3.5                 | N           | UJ            | UJ           | U         | 3.5                 | mg/kg | 3.7    | mg/kg |
| RY303-NSB-D  | 09FC-RY303-NSB-D-002006 | 9/21/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | ALUMINUM      | 20                  | Y           | J+            | J+           |           | 20                  | mg/kg | 6970   | mg/kg |
| RY303-NSB-D  | 09FC-RY303-NSB-D-002006 | 9/21/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | IRON          | 10                  | Y           | R             | RJ-          |           | 10                  | mg/kg | 9310   | mg/kg |
| RY303-NSB-D  | 09FC-RY303-NSB-D-002006 | 9/21/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 490    | mg/kg |
| RY303-NSB-D  | 09FC-RY303-NSB-D-002006 | 9/21/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 3470   | mg/kg |
| RY303-NSB-D  | 09FC-RY303-NSB-D-002006 | 9/21/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | MANGANESE     | 1.5                 | Y           | J-            | J-           |           | 1.5                 | mg/kg | 479    | mg/kg |
| RY303-NSB-D  | 09FC-RY303-NSB-D-002006 | 9/21/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | NICKEL        | 4                   | Y           | J             | J            |           | 4                   | mg/kg | 5.8    | mg/kg |

## Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY303-NSB-D  | 09FC-RY303-NSB-D-002006 | 9/21/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 964    | mg/kg |
| RY303-NSB-D  | 09FC-RY303-NSB-D-002006 | 9/21/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | SILVER        | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 4.2    | mg/kg |
| RY303-NSB-D  | 09FC-RY303-NSB-D-002006 | 9/21/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 91     | mg/kg |
| RY303-NSB-D  | 09FC-RY303-NSB-D-002006 | 9/21/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.9    | mg/kg |
| RY303-NSB-D  | 09FC-RY303-NSB-D-002006 | 9/21/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | ANTIMONY      | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 28.6   | mg/kg |
| RY303-NSB-D  | 09FC-RY303-NSB-D-002006 | 9/21/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 122    | mg/kg |
| RY303-NSB-D  | 09FC-RY303-NSB-D-002006 | 9/21/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | BARIUM        | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 66.6   | mg/kg |
| RY303-NSB-D  | 09FC-RY303-NSB-D-002006 | 9/21/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | BERYLLIUM     | 0.5                 | N           | UJ            | UJ           | U         | 0.5                 | mg/kg | 0.58   | mg/kg |
| RY303-NSB-D  | 09FC-RY303-NSB-D-002006 | 9/21/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | CADMIUM       | 0.5                 | Y           | J             | J            |           | 0.5                 | mg/kg | 17     | mg/kg |
| RY303-NSB-D  | 09FC-RY303-NSB-D-002006 | 9/21/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | CHROMIUM      | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 5      | mg/kg |
| RY303-NSB-D  | 09FC-RY303-NSB-D-002006 | 9/21/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | COBALT        | 5                   | Y           | J             | J            | J         | 5                   | mg/kg | 4.9    | mg/kg |
| RY303-NSB-D  | 09FC-RY303-NSB-D-002006 | 9/21/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 11.9   | mg/kg |
| RY303-NSB-D  | 09FC-RY303-NSB-D-002006 | 9/21/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 6.8    | mg/kg |
| RY303-NSB-D  | 09FC-RY303-NSB-D-002006 | 9/21/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | ZINC          | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 1780   | mg/kg |
| RY303-NSB-D  | 09FC-RY303-NSB-D-002006 | 9/21/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 2180   | mg/kg |
| RY303-NSB-D  | 09FC-RY303-NSB-D-002006 | 9/21/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | SELENIUM      | 3.5                 | N           | UJ            | UJ           | U         | 3.5                 | mg/kg | 4.1    | mg/kg |
| RY303-NSB-D  | 09FC-RY303-NSB-D-06012  | 9/21/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | ALUMINUM      | 20                  | Y           | J+            | J+           |           | 20                  | mg/kg | 5630   | mg/kg |
| RY303-NSB-D  | 09FC-RY303-NSB-D-06012  | 9/21/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | IRON          | 10                  | Y           | R             | RJ-          |           | 10                  | mg/kg | 28600  | mg/kg |
| RY303-NSB-D  | 09FC-RY303-NSB-D-06012  | 9/21/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 4090   | mg/kg |
| RY303-NSB-D  | 09FC-RY303-NSB-D-06012  | 9/21/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 3620   | mg/kg |
| RY303-NSB-D  | 09FC-RY303-NSB-D-06012  | 9/21/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | MANGANESE     | 1.5                 | Y           | J-            | J-           |           | 1.5                 | mg/kg | 1560   | mg/kg |
| RY303-NSB-D  | 09FC-RY303-NSB-D-06012  | 9/21/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | NICKEL        | 4                   | Y           | J             | J            |           | 4                   | mg/kg | 5.7    | mg/kg |
| RY303-NSB-D  | 09FC-RY303-NSB-D-06012  | 9/21/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 985    | mg/kg |
| RY303-NSB-D  | 09FC-RY303-NSB-D-06012  | 9/21/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | SILVER        | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 34.9   | mg/kg |
| RY303-NSB-D  | 09FC-RY303-NSB-D-06012  | 9/21/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 86.5   | mg/kg |
| RY303-NSB-D  | 09FC-RY303-NSB-D-06012  | 9/21/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY303-NSB-D  | 09FC-RY303-NSB-D-06012  | 9/21/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | ANTIMONY      | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 347    | mg/kg |
| RY303-NSB-D  | 09FC-RY303-NSB-D-06012  | 9/21/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | ARSENIC       | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 570    | mg/kg |
| RY303-NSB-D  | 09FC-RY303-NSB-D-06012  | 9/21/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | BARIUM        | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 61.9   | mg/kg |
| RY303-NSB-D  | 09FC-RY303-NSB-D-06012  | 9/21/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | BERYLLIUM     | 0.5                 | N           | UJ            | UJ           | U         | 0.5                 | mg/kg | 0.53   | mg/kg |
| RY303-NSB-D  | 09FC-RY303-NSB-D-06012  | 9/21/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | CADMIUM       | 0.5                 | Y           | J             | J            |           | 0.5                 | mg/kg | 27.3   | mg/kg |
| RY303-NSB-D  | 09FC-RY303-NSB-D-06012  | 9/21/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | CHROMIUM      | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 3.4    | mg/kg |
| RY303-NSB-D  | 09FC-RY303-NSB-D-06012  | 9/21/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | COBALT        | 5                   | Y           | J             | J            | J         | 5                   | mg/kg | 5      | mg/kg |
| RY303-NSB-D  | 09FC-RY303-NSB-D-06012  | 9/21/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 29.9   | mg/kg |
| RY303-NSB-D  | 09FC-RY303-NSB-D-06012  | 9/21/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 5.8    | mg/kg |
| RY303-NSB-D  | 09FC-RY303-NSB-D-06012  | 9/21/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | ZINC          | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 4850   | mg/kg |
| RY303-NSB-D  | 09FC-RY303-NSB-D-06012  | 9/21/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 2510   | mg/kg |
| RY303-NSB-D  | 09FC-RY303-NSB-D-06012  | 9/21/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | SELENIUM      | 3.5                 | N           | UJ            | UJ           | U         | 3.5                 | mg/kg | 3.7    | mg/kg |
| RY303-NSS-D  | 09FC-RY303-NSS-D-000002 | 9/21/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | ALUMINUM      | 20                  | Y           | J+            | J+           |           | 20                  | mg/kg | 3240   | mg/kg |
| RY303-NSS-D  | 09FC-RY303-NSS-D-000002 | 9/21/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | IRON          | 10                  | Y           | R             | RJ-          |           | 10                  | mg/kg | 34400  | mg/kg |
| RY303-NSS-D  | 09FC-RY303-NSS-D-000002 | 9/21/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 6200   | mg/kg |
| RY303-NSS-D  | 09FC-RY303-NSS-D-000002 | 9/21/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 2400   | mg/kg |
| RY303-NSS-D  | 09FC-RY303-NSS-D-000002 | 9/21/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | MANGANESE     | 1.5                 | Y           | J-            | J-           |           | 1.5                 | mg/kg | 1650   | mg/kg |
| RY303-NSS-D  | 09FC-RY303-NSS-D-000002 | 9/21/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | NICKEL        | 4                   | Y           | J             | J            | J         | 4                   | mg/kg | 3.7    | mg/kg |
| RY303-NSS-D  | 09FC-RY303-NSS-D-000002 | 9/21/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 598    | mg/kg |
| RY303-NSS-D  | 09FC-RY303-NSS-D-000002 | 9/21/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | SILVER        | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 56.7   | mg/kg |
| RY303-NSS-D  | 09FC-RY303-NSS-D-000002 | 9/21/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 112    | mg/kg |
| RY303-NSS-D  | 09FC-RY303-NSS-D-000002 | 9/21/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |

## Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report       | detect flag | interp. quals | valid. quals | lab quals | report       | result | unit        |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|--------------|-------------|---------------|--------------|-----------|--------------|--------|-------------|
|              |                         |             |             |             |           |            |                 |               |               | result limit |             |               |              |           | detect limit |        |             |
| RY303-NSS-D  | 09FC-RY303-NSS-D-000002 | 9/21/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | ANTIMONY      | 6            | Y           | J             | J            |           | 6            | mg/kg  | 674 mg/kg   |
| RY303-NSS-D  | 09FC-RY303-NSS-D-000002 | 9/21/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | ARSENIC       | 1            | Y           | J             | J            |           | 1            | mg/kg  | 1750 mg/kg  |
| RY303-NSS-D  | 09FC-RY303-NSS-D-000002 | 9/21/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | BARIUM        | 20           | Y           | J             | J            |           | 20           | mg/kg  | 52.6 mg/kg  |
| RY303-NSS-D  | 09FC-RY303-NSS-D-000002 | 9/21/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | BERYLLIUM     | 0.5          | N           | UJ            | UJ           | U         | 0.5          | mg/kg  | 0.52 mg/kg  |
| RY303-NSS-D  | 09FC-RY303-NSS-D-000002 | 9/21/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | CADMIUM       | 0.5          | Y           | J             | J            |           | 0.5          | mg/kg  | 31.1 mg/kg  |
| RY303-NSS-D  | 09FC-RY303-NSS-D-000002 | 9/21/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | CHROMIUM      | 1            | Y           | J             | J            |           | 1            | mg/kg  | 2 mg/kg     |
| RY303-NSS-D  | 09FC-RY303-NSS-D-000002 | 9/21/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | COBALT        | 5            | Y           | J             | J            | J         | 5            | mg/kg  | 3.2 mg/kg   |
| RY303-NSS-D  | 09FC-RY303-NSS-D-000002 | 9/21/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | COPPER        | 2.5          | Y           |               |              |           | 2.5          | mg/kg  | 40.9 mg/kg  |
| RY303-NSS-D  | 09FC-RY303-NSS-D-000002 | 9/21/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | VANADIUM      | 5            | Y           | J             |              | J         | 5            | mg/kg  | 4.6 mg/kg   |
| RY303-NSS-D  | 09FC-RY303-NSS-D-000002 | 9/21/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | ZINC          | 6            | Y           | J-            | J-           |           | 6            | mg/kg  | 5920 mg/kg  |
| RY303-NSS-D  | 09FC-RY303-NSS-D-000002 | 9/21/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | CALCIUM       | 500          | Y           | J             | J            |           | 500          | mg/kg  | 1880 mg/kg  |
| RY303-NSS-D  | 09FC-RY303-NSS-D-000002 | 9/21/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | SELENIUM      | 3.5          | N           | UJ            | UJ           | U         | 3.5          | mg/kg  | 3.6 mg/kg   |
| RY304-NSB-C  | 09FC-RY304-NSB-C-006012 | 9/18/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | ALUMINUM      | 20           | Y           | J+            | J+           |           | 20           | mg/kg  | 6120 mg/kg  |
| RY304-NSB-C  | 09FC-RY304-NSB-C-006012 | 9/18/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | IRON          | 10           | Y           | R             | RJ-          |           | 10           | mg/kg  | 20900 mg/kg |
| RY304-NSB-C  | 09FC-RY304-NSB-C-006012 | 9/18/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | LEAD          | 1            | Y           | J             | J            |           | 1            | mg/kg  | 3810 mg/kg  |
| RY304-NSB-C  | 09FC-RY304-NSB-C-006012 | 9/18/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | MAGNESIUM     | 500          | Y           | J             | J            |           | 500          | mg/kg  | 2260 mg/kg  |
| RY304-NSB-C  | 09FC-RY304-NSB-C-006012 | 9/18/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | MANGANESE     | 1.5          | Y           | J-            | J-           |           | 1.5          | mg/kg  | 1180 mg/kg  |
| RY304-NSB-C  | 09FC-RY304-NSB-C-006012 | 9/18/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | NICKEL        | 4            | Y           | J             | J            | J         | 4            | mg/kg  | 3.7 mg/kg   |
| RY304-NSB-C  | 09FC-RY304-NSB-C-006012 | 9/18/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | POTASSIUM     | 500          | Y           |               |              |           | 500          | mg/kg  | 1290 mg/kg  |
| RY304-NSB-C  | 09FC-RY304-NSB-C-006012 | 9/18/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | SILVER        | 1            | Y           | J             | J            |           | 1            | mg/kg  | 37.3 mg/kg  |
| RY304-NSB-C  | 09FC-RY304-NSB-C-006012 | 9/18/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | SODIUM        | 500          | Y           | J             |              | J         | 500          | mg/kg  | 49.5 mg/kg  |
| RY304-NSB-C  | 09FC-RY304-NSB-C-006012 | 9/18/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | THALLIUM      | 2.5          | N           | U             |              | U         | 2.5          | mg/kg  | 2.7 mg/kg   |
| RY304-NSB-C  | 09FC-RY304-NSB-C-006012 | 9/18/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | ANTIMONY      | 6            | Y           | J             | J            |           | 6            | mg/kg  | 227 mg/kg   |
| RY304-NSB-C  | 09FC-RY304-NSB-C-006012 | 9/18/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | ARSENIC       | 1            | Y           | J             | J            |           | 1            | mg/kg  | 373 mg/kg   |
| RY304-NSB-C  | 09FC-RY304-NSB-C-006012 | 9/18/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | BARIUM        | 20           | Y           | J             | J            |           | 20           | mg/kg  | 111 mg/kg   |
| RY304-NSB-C  | 09FC-RY304-NSB-C-006012 | 9/18/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | BERYLLIUM     | 0.5          | N           | UJ            | UJ           | U         | 0.5          | mg/kg  | 0.53 mg/kg  |
| RY304-NSB-C  | 09FC-RY304-NSB-C-006012 | 9/18/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | CADMIUM       | 0.5          | Y           | J             | J            |           | 0.5          | mg/kg  | 13.1 mg/kg  |
| RY304-NSB-C  | 09FC-RY304-NSB-C-006012 | 9/18/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | CHROMIUM      | 1            | Y           | J             | J            |           | 1            | mg/kg  | 3.5 mg/kg   |
| RY304-NSB-C  | 09FC-RY304-NSB-C-006012 | 9/18/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | COBALT        | 5            | Y           | J             | J            | J         | 5            | mg/kg  | 3.8 mg/kg   |
| RY304-NSB-C  | 09FC-RY304-NSB-C-006012 | 9/18/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | COPPER        | 2.5          | Y           |               |              |           | 2.5          | mg/kg  | 24.3 mg/kg  |
| RY304-NSB-C  | 09FC-RY304-NSB-C-006012 | 9/18/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | VANADIUM      | 5            | Y           |               |              |           | 5            | mg/kg  | 7.3 mg/kg   |
| RY304-NSB-C  | 09FC-RY304-NSB-C-006012 | 9/18/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | ZINC          | 6            | Y           | J-            | J-           |           | 6            | mg/kg  | 1540 mg/kg  |
| RY304-NSB-C  | 09FC-RY304-NSB-C-006012 | 9/18/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | CALCIUM       | 500          | Y           | J             | J            |           | 500          | mg/kg  | 1700 mg/kg  |
| RY304-NSB-C  | 09FC-RY304-NSB-C-006012 | 9/18/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | SELENIUM      | 3.5          | N           | UJ            | UJ           | U         | 3.5          | mg/kg  | 3.7 mg/kg   |
| RY304-NSB-C  | 09FC-RY304-NSB-C-02006  | 9/18/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | ALUMINUM      | 20           | Y           | J+            | J+           |           | 20           | mg/kg  | 4620 mg/kg  |
| RY304-NSB-C  | 09FC-RY304-NSB-C-02006  | 9/18/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | IRON          | 10           | Y           | R             | RJ-          |           | 10           | mg/kg  | 20600 mg/kg |
| RY304-NSB-C  | 09FC-RY304-NSB-C-02006  | 9/18/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | LEAD          | 1            | Y           | J             | J            |           | 1            | mg/kg  | 4290 mg/kg  |
| RY304-NSB-C  | 09FC-RY304-NSB-C-02006  | 9/18/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | MAGNESIUM     | 500          | Y           | J             | J            |           | 500          | mg/kg  | 1870 mg/kg  |
| RY304-NSB-C  | 09FC-RY304-NSB-C-02006  | 9/18/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | MANGANESE     | 1.5          | Y           | J-            | J-           |           | 1.5          | mg/kg  | 1140 mg/kg  |
| RY304-NSB-C  | 09FC-RY304-NSB-C-02006  | 9/18/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | NICKEL        | 4            | Y           | J             | J            | J         | 4            | mg/kg  | 2.8 mg/kg   |
| RY304-NSB-C  | 09FC-RY304-NSB-C-02006  | 9/18/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | POTASSIUM     | 500          | Y           |               |              |           | 500          | mg/kg  | 957 mg/kg   |
| RY304-NSB-C  | 09FC-RY304-NSB-C-02006  | 9/18/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | SILVER        | 1            | Y           | J             | J            |           | 1            | mg/kg  | 35.6 mg/kg  |
| RY304-NSB-C  | 09FC-RY304-NSB-C-02006  | 9/18/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | SODIUM        | 500          | Y           | J             |              | J         | 500          | mg/kg  | 38 mg/kg    |
| RY352-NSS-C  | 09FC-RY352-NSS-C-000002 | 9/23/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | THALLIUM      | 2.5          | N           | U             |              | U         | 2.5          | mg/kg  | 2.6 mg/kg   |
| RY352-NSS-C  | 09FC-RY352-NSS-C-000002 | 9/23/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | ANTIMONY      | 6            | Y           | J             | J            |           | 6            | mg/kg  | 19.9 mg/kg  |
| RY352-NSS-C  | 09FC-RY352-NSS-C-000002 | 9/23/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | ARSENIC       | 1            | Y           |               |              |           | 1            | mg/kg  | 68.2 mg/kg  |
| RY352-NSS-C  | 09FC-RY352-NSS-C-000002 | 9/23/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | BARIUM        | 20           | Y           |               |              |           | 20           | mg/kg  | 119 mg/kg   |
| RY352-NSS-C  | 09FC-RY352-NSS-C-000002 | 9/23/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | BERYLLIUM     | 0.5          | N           | U             |              | U         | 0.5          | mg/kg  | 0.53 mg/kg  |

## Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY352-NSS-C  | 09FC-RY352-NSS-C-000002 | 9/23/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 1.8    | mg/kg |
| RY352-NSS-C  | 09FC-RY352-NSS-C-000002 | 9/23/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 7.8    | mg/kg |
| RY352-NSS-C  | 09FC-RY352-NSS-C-000002 | 9/23/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 7.1    | mg/kg |
| RY352-NSS-C  | 09FC-RY352-NSS-C-000002 | 9/23/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | COPPER        | 2.5                 | Y           | J+            | J+           |           | 2.5                 | mg/kg | 21.4   | mg/kg |
| RY352-NSS-C  | 09FC-RY352-NSS-C-000002 | 9/23/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | VANADIUM      | 5                   | Y           | J-            | J-           |           | 5                   | mg/kg | 9.9    | mg/kg |
| RY352-NSS-C  | 09FC-RY352-NSS-C-000002 | 9/23/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | ZINC          | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 355    | mg/kg |
| RY352-NSS-C  | 09FC-RY352-NSS-C-000002 | 9/23/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 4140   | mg/kg |
| RY352-NSS-C  | 09FC-RY352-NSS-C-000002 | 9/23/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.7    | mg/kg |
| RY354-DSB-A  | 09FCRY354-DSB-A-002006  | 9/9/2009    | FD          | 2           | 6         | in         | C200.7          | 12/8/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 5140   | mg/kg |
| RY354-DSB-A  | 09FCRY354-DSB-A-002006  | 9/9/2009    | FD          | 2           | 6         | in         | C200.7          | 12/8/2009     | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 7280   | mg/kg |
| RY354-DSB-A  | 09FCRY354-DSB-A-002006  | 9/9/2009    | FD          | 2           | 6         | in         | C200.7          | 12/8/2009     | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 33.9   | mg/kg |
| RY354-DSB-A  | 09FCRY354-DSB-A-002006  | 9/9/2009    | FD          | 2           | 6         | in         | C200.7          | 12/8/2009     | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 2460   | mg/kg |
| RY354-DSB-A  | 09FCRY354-DSB-A-002006  | 9/9/2009    | FD          | 2           | 6         | in         | C200.7          | 12/8/2009     | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 277    | mg/kg |
| RY354-DSB-A  | 09FCRY354-DSB-A-002006  | 9/9/2009    | FD          | 2           | 6         | in         | C200.7          | 12/8/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 5.2    | mg/kg |
| RY354-DSB-A  | 09FCRY354-DSB-A-002006  | 9/9/2009    | FD          | 2           | 6         | in         | C200.7          | 12/8/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1020   | mg/kg |
| RY354-DSB-A  | 09FCRY354-DSB-A-002006  | 9/9/2009    | FD          | 2           | 6         | in         | C200.7          | 12/8/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 1.1    | mg/kg |
| RY354-DSB-A  | 09FCRY354-DSB-A-002006  | 9/9/2009    | FD          | 2           | 6         | in         | C200.7          | 12/8/2009     | SODIUM        | 500                 | Y           | J-            | J-           | J         | 500                 | mg/kg | 138    | mg/kg |
| RY354-DSB-A  | 09FCRY354-DSB-A-002006  | 9/9/2009    | FD          | 2           | 6         | in         | C200.7          | 12/8/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.7    | mg/kg |
| RY354-DSB-A  | 09FCRY354-DSB-A-002006  | 9/9/2009    | FD          | 2           | 6         | in         | C200.7          | 12/8/2009     | ANTIMONY      | 6                   | Y           | J             |              | J         | 6                   | mg/kg | 1.3    | mg/kg |
| RY354-DSB-A  | 09FCRY354-DSB-A-002006  | 9/9/2009    | FD          | 2           | 6         | in         | C200.7          | 12/8/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 3.1    | mg/kg |
| RY354-DSB-A  | 09FCRY354-DSB-A-002006  | 9/9/2009    | FD          | 2           | 6         | in         | C200.7          | 12/8/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 119    | mg/kg |
| RY354-DSB-A  | 09FCRY354-DSB-A-002006  | 9/9/2009    | FD          | 2           | 6         | in         | C200.7          | 12/8/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.29   | mg/kg |
| RY354-DSB-A  | 09FCRY354-DSB-A-002006  | 9/9/2009    | FD          | 2           | 6         | in         | C200.7          | 12/8/2009     | CADMIUM       | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.54   | mg/kg |
| RY354-DSB-A  | 09FCRY354-DSB-A-002006  | 9/9/2009    | FD          | 2           | 6         | in         | C200.7          | 12/8/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 6.2    | mg/kg |
| RY354-DSB-A  | 09FCRY354-DSB-A-002006  | 9/9/2009    | FD          | 2           | 6         | in         | C200.7          | 12/8/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 3.7    | mg/kg |
| RY354-DSB-A  | 09FCRY354-DSB-A-002006  | 9/9/2009    | FD          | 2           | 6         | in         | C200.7          | 12/8/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 9.8    | mg/kg |
| RY354-DSB-A  | 09FCRY354-DSB-A-002006  | 9/9/2009    | FD          | 2           | 6         | in         | C200.7          | 12/8/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 9.3    | mg/kg |
| RY354-DSB-A  | 09FCRY354-DSB-A-002006  | 9/9/2009    | FD          | 2           | 6         | in         | C200.7          | 12/8/2009     | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 73.4   | mg/kg |
| RY354-DSB-A  | 09FCRY354-DSB-A-002006  | 9/9/2009    | FD          | 2           | 6         | in         | C200.7          | 12/8/2009     | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 2390   | mg/kg |
| RY354-DSB-A  | 09FCRY354-DSB-A-002006  | 9/9/2009    | FD          | 2           | 6         | in         | C200.7          | 12/8/2009     | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.78   | mg/kg |
| RY354-NSB-A  | 09FC-RY354-NSB-A-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 5150   | mg/kg |
| RY354-NSB-A  | 09FC-RY354-NSB-A-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 7620   | mg/kg |
| RY354-NSB-A  | 09FC-RY354-NSB-A-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 32.5   | mg/kg |
| RY354-NSB-A  | 09FC-RY354-NSB-A-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 2550   | mg/kg |
| RY354-NSB-A  | 09FC-RY354-NSB-A-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 270    | mg/kg |
| RY354-NSB-A  | 09FC-RY354-NSB-A-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 5.5    | mg/kg |
| RY354-NSB-A  | 09FC-RY354-NSB-A-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1030   | mg/kg |
| RY354-NSB-A  | 09FC-RY354-NSB-A-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 1.1    | mg/kg |
| RY354-NSB-A  | 09FC-RY354-NSB-A-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | SODIUM        | 500                 | Y           | J-            | J-           | J         | 500                 | mg/kg | 161    | mg/kg |
| RY354-NSB-A  | 09FC-RY354-NSB-A-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY354-NSB-A  | 09FC-RY354-NSB-A-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | ANTIMONY      | 6                   | Y           | J             |              | J         | 6                   | mg/kg | 1.2    | mg/kg |
| RY354-NSB-A  | 09FC-RY354-NSB-A-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 3.7    | mg/kg |
| RY354-NSB-A  | 09FC-RY354-NSB-A-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 106    | mg/kg |
| RY354-NSB-A  | 09FC-RY354-NSB-A-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.28   | mg/kg |
| RY354-NSB-A  | 09FC-RY354-NSB-A-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | CADMIUM       | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.53   | mg/kg |
| RY354-NSB-A  | 09FC-RY354-NSB-A-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 6.4    | mg/kg |
| RY354-NSB-A  | 09FC-RY354-NSB-A-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.4    | mg/kg |
| RY354-NSB-A  | 09FC-RY354-NSB-A-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 10.7   | mg/kg |



## Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY354-NSB-A  | 09FC-RY354-NSB-A-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 9.8    | mg/kg |
| RY354-NSB-A  | 09FC-RY354-NSB-A-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 71.1   | mg/kg |
| RY354-NSB-A  | 09FC-RY354-NSB-A-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 2250   | mg/kg |
| RY354-NSB-A  | 09FC-RY354-NSB-A-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.65   | mg/kg |
| RY354-NSB-A  | 09FC-RY354-NSB-A-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 5050   | mg/kg |
| RY354-NSB-A  | 09FC-RY354-NSB-A-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 7050   | mg/kg |
| RY354-NSB-A  | 09FC-RY354-NSB-A-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 21.9   | mg/kg |
| RY354-NSB-A  | 09FC-RY354-NSB-A-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 2390   | mg/kg |
| RY354-NSB-A  | 09FC-RY354-NSB-A-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 323    | mg/kg |
| RY354-NSB-A  | 09FC-RY354-NSB-A-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 5.1    | mg/kg |
| RY354-NSB-A  | 09FC-RY354-NSB-A-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1030   | mg/kg |
| RY354-NSB-A  | 09FC-RY354-NSB-A-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 1      | mg/kg |
| RY354-NSB-A  | 09FC-RY354-NSB-A-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | SODIUM        | 500                 | Y           | J-            | J-           | J         | 500                 | mg/kg | 146    | mg/kg |
| RY354-NSB-A  | 09FC-RY354-NSB-A-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY354-NSB-A  | 09FC-RY354-NSB-A-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | ANTIMONY      | 6                   | Y           | J             |              | J         | 6                   | mg/kg | 1.2    | mg/kg |
| RY354-NSB-A  | 09FC-RY354-NSB-A-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 2.6    | mg/kg |
| RY354-NSB-A  | 09FC-RY354-NSB-A-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 122    | mg/kg |
| RY354-NSB-A  | 09FC-RY354-NSB-A-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.31   | mg/kg |
| RY354-NSB-A  | 09FC-RY354-NSB-A-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | CADMIUM       | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.52   | mg/kg |
| RY354-NSB-A  | 09FC-RY354-NSB-A-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 5.5    | mg/kg |
| RY354-NSB-A  | 09FC-RY354-NSB-A-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 3.8    | mg/kg |
| RY354-NSB-A  | 09FC-RY354-NSB-A-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 7.6    | mg/kg |
| RY354-NSB-A  | 09FC-RY354-NSB-A-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 8.8    | mg/kg |
| RY354-NSB-A  | 09FC-RY354-NSB-A-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 54.5   | mg/kg |
| RY354-NSB-A  | 09FC-RY354-NSB-A-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 1750   | mg/kg |
| RY354-NSB-A  | 09FC-RY354-NSB-A-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.63   | mg/kg |
| RY354-NSB-B  | 09FC-RY354-NSB-B-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 3310   | mg/kg |
| RY354-NSB-B  | 09FC-RY354-NSB-B-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 6410   | mg/kg |
| RY354-NSB-B  | 09FC-RY354-NSB-B-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 20.5   | mg/kg |
| RY354-NSB-B  | 09FC-RY354-NSB-B-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 2230   | mg/kg |
| RY354-NSB-B  | 09FC-RY354-NSB-B-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 204    | mg/kg |
| RY354-NSB-B  | 09FC-RY354-NSB-B-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 4.8    | mg/kg |
| RY354-NSB-B  | 09FC-RY354-NSB-B-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 755    | mg/kg |
| RY354-NSB-B  | 09FC-RY354-NSB-B-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 0.79   | mg/kg |
| RY354-NSB-B  | 09FC-RY354-NSB-B-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | SODIUM        | 500                 | Y           | J-            | J-           | J         | 500                 | mg/kg | 110    | mg/kg |
| RY354-NSB-B  | 09FC-RY354-NSB-B-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2      | mg/kg |
| RY354-NSB-B  | 09FC-RY354-NSB-B-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | ANTIMONY      | 6                   | Y           | J             |              | J         | 6                   | mg/kg | 1.2    | mg/kg |
| RY354-NSB-B  | 09FC-RY354-NSB-B-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 5.5    | mg/kg |
| RY354-NSB-B  | 09FC-RY354-NSB-B-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 58.4   | mg/kg |
| RY354-NSB-B  | 09FC-RY354-NSB-B-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.22   | mg/kg |
| RY354-NSB-B  | 09FC-RY354-NSB-B-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | CADMIUM       | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.39   | mg/kg |
| RY354-NSB-B  | 09FC-RY354-NSB-B-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 4      | mg/kg |
| RY354-NSB-B  | 09FC-RY354-NSB-B-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 6.5    | mg/kg |
| RY354-NSB-B  | 09FC-RY354-NSB-B-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 7.6    | mg/kg |
| RY354-NSB-B  | 09FC-RY354-NSB-B-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 7      | mg/kg |
| RY354-NSB-B  | 09FC-RY354-NSB-B-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 46.6   | mg/kg |
| RY354-NSB-B  | 09FC-RY354-NSB-B-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 2610   | mg/kg |
| RY354-NSB-B  | 09FC-RY354-NSB-B-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.52   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY354-NSB-B  | 09FC-RY354-NSB-B-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 3230   | mg/kg |
| RY354-NSB-B  | 09FC-RY354-NSB-B-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 5830   | mg/kg |
| RY354-NSB-B  | 09FC-RY354-NSB-B-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 15.4   | mg/kg |
| RY354-NSB-B  | 09FC-RY354-NSB-B-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 1990   | mg/kg |
| RY354-NSB-B  | 09FC-RY354-NSB-B-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 156    | mg/kg |
| RY354-NSB-B  | 09FC-RY354-NSB-B-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 4.5    | mg/kg |
| RY354-NSB-B  | 09FC-RY354-NSB-B-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 682    | mg/kg |
| RY354-NSB-B  | 09FC-RY354-NSB-B-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 0.73   | mg/kg |
| RY354-NSB-B  | 09FC-RY354-NSB-B-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY354-NSB-B  | 09FC-RY354-NSB-B-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 1.8    | mg/kg |
| RY354-NSB-B  | 09FC-RY354-NSB-B-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | ANTIMONY      | 6                   | Y           | J             |              | J         | 6                   | mg/kg | 0.92   | mg/kg |
| RY354-NSB-B  | 09FC-RY354-NSB-B-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 4.7    | mg/kg |
| RY354-NSB-B  | 09FC-RY354-NSB-B-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 53.2   | mg/kg |
| RY354-NSB-B  | 09FC-RY354-NSB-B-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.22   | mg/kg |
| RY354-NSB-B  | 09FC-RY354-NSB-B-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | CADMIUM       | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.36   | mg/kg |
| RY354-NSB-B  | 09FC-RY354-NSB-B-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 3.6    | mg/kg |
| RY354-NSB-B  | 09FC-RY354-NSB-B-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 3.3    | mg/kg |
| RY354-NSB-B  | 09FC-RY354-NSB-B-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 7.2    | mg/kg |
| RY354-NSB-B  | 09FC-RY354-NSB-B-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 6.5    | mg/kg |
| RY354-NSB-B  | 09FC-RY354-NSB-B-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 24.9   | mg/kg |
| RY354-NSB-B  | 09FC-RY354-NSB-B-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 2530   | mg/kg |
| RY354-NSB-B  | 09FC-RY354-NSB-B-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.59   | mg/kg |
| RY354-NSS-A  | 09FC-RY354-NSS-A-000002 | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 5650   | mg/kg |
| RY354-NSS-A  | 09FC-RY354-NSS-A-000002 | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 8040   | mg/kg |
| RY354-NSS-A  | 09FC-RY354-NSS-A-000002 | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 40.5   | mg/kg |
| RY354-NSS-A  | 09FC-RY354-NSS-A-000002 | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 2710   | mg/kg |
| RY354-NSS-A  | 09FC-RY354-NSS-A-000002 | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 279    | mg/kg |
| RY354-NSS-A  | 09FC-RY354-NSS-A-000002 | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 5.5    | mg/kg |
| RY354-NSS-A  | 09FC-RY354-NSS-A-000002 | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1220   | mg/kg |
| RY354-NSS-A  | 09FC-RY354-NSS-A-000002 | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 1.2    | mg/kg |
| RY354-NSS-A  | 09FC-RY354-NSS-A-000002 | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | SODIUM        | 500                 | Y           | J-            | J-           | J         | 500                 | mg/kg | 104    | mg/kg |
| RY354-NSS-A  | 09FC-RY354-NSS-A-000002 | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.9    | mg/kg |
| RY354-NSS-A  | 09FC-RY354-NSS-A-000002 | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | ANTIMONY      | 6                   | Y           | J             |              | J         | 6                   | mg/kg | 1.1    | mg/kg |
| RY354-NSS-A  | 09FC-RY354-NSS-A-000002 | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 3.2    | mg/kg |
| RY354-NSS-A  | 09FC-RY354-NSS-A-000002 | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 115    | mg/kg |
| RY354-NSS-A  | 09FC-RY354-NSS-A-000002 | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.34   | mg/kg |
| RY354-NSS-A  | 09FC-RY354-NSS-A-000002 | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | CADMIUM       | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.58   | mg/kg |
| RY354-NSS-A  | 09FC-RY354-NSS-A-000002 | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 6.5    | mg/kg |
| RY354-NSS-A  | 09FC-RY354-NSS-A-000002 | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.1    | mg/kg |
| RY354-NSS-A  | 09FC-RY354-NSS-A-000002 | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 11.4   | mg/kg |
| RY354-NSS-A  | 09FC-RY354-NSS-A-000002 | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 9.9    | mg/kg |
| RY354-NSS-A  | 09FC-RY354-NSS-A-000002 | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 78.1   | mg/kg |
| RY354-NSS-A  | 09FC-RY354-NSS-A-000002 | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 2610   | mg/kg |
| RY354-NSS-A  | 09FC-RY354-NSS-A-000002 | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.75   | mg/kg |
| RY354-NSS-B  | 09FC-RY354-NSS-B-000002 | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 3310   | mg/kg |
| RY354-NSS-B  | 09FC-RY354-NSS-B-000002 | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 7290   | mg/kg |
| RY354-NSS-B  | 09FC-RY354-NSS-B-000002 | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 53.5   | mg/kg |
| RY354-NSS-B  | 09FC-RY354-NSS-B-000002 | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 2810   | mg/kg |

## Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY354-NSS-B  | 09FC-RY354-NSS-B-000002 | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 226    | mg/kg |
| RY354-NSS-B  | 09FC-RY354-NSS-B-000002 | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6      | mg/kg |
| RY354-NSS-B  | 09FC-RY354-NSS-B-000002 | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 974    | mg/kg |
| RY354-NSS-B  | 09FC-RY354-NSS-B-000002 | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 0.98   | mg/kg |
| RY354-NSS-B  | 09FC-RY354-NSS-B-000002 | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | SODIUM        | 500                 | Y           | J-            | J-           | J         | 500                 | mg/kg | 77.7   | mg/kg |
| RY354-NSS-B  | 09FC-RY354-NSS-B-000002 | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.4    | mg/kg |
| RY354-NSS-B  | 09FC-RY354-NSS-B-000002 | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | ANTIMONY      | 6                   | Y           | J             |              | J         | 6                   | mg/kg | 2.2    | mg/kg |
| RY354-NSS-B  | 09FC-RY354-NSS-B-000002 | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 9.9    | mg/kg |
| RY354-NSS-B  | 09FC-RY354-NSS-B-000002 | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 79.9   | mg/kg |
| RY354-NSS-B  | 09FC-RY354-NSS-B-000002 | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.23   | mg/kg |
| RY354-NSS-B  | 09FC-RY354-NSS-B-000002 | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | CADMIUM       | 0.5                 | Y           | U             | U            | J         | 0.5                 | mg/kg | 0.5    | mg/kg |
| RY354-NSS-B  | 09FC-RY354-NSS-B-000002 | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 5.4    | mg/kg |
| RY354-NSS-B  | 09FC-RY354-NSS-B-000002 | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 3.7    | mg/kg |
| RY354-NSS-B  | 09FC-RY354-NSS-B-000002 | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 12.5   | mg/kg |
| RY354-NSS-B  | 09FC-RY354-NSS-B-000002 | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 6.2    | mg/kg |
| RY354-NSS-B  | 09FC-RY354-NSS-B-000002 | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 101    | mg/kg |
| RY354-NSS-B  | 09FC-RY354-NSS-B-000002 | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 7360   | mg/kg |
| RY354-NSS-B  | 09FC-RY354-NSS-B-000002 | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.69   | mg/kg |
| RY355-DSB-A  | 09FC-RY355-DSB-A-006012 | 9/9/2009    | FD          | 6           | 12        | in         | C200.7          | 12/8/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 5540   | mg/kg |
| RY355-DSB-A  | 09FC-RY355-DSB-A-006012 | 9/9/2009    | FD          | 6           | 12        | in         | C200.7          | 12/8/2009     | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 7730   | mg/kg |
| RY355-DSB-A  | 09FC-RY355-DSB-A-006012 | 9/9/2009    | FD          | 6           | 12        | in         | C200.7          | 12/8/2009     | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 9.7    | mg/kg |
| RY355-DSB-A  | 09FC-RY355-DSB-A-006012 | 9/9/2009    | FD          | 6           | 12        | in         | C200.7          | 12/8/2009     | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 2380   | mg/kg |
| RY355-DSB-A  | 09FC-RY355-DSB-A-006012 | 9/9/2009    | FD          | 6           | 12        | in         | C200.7          | 12/8/2009     | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 287    | mg/kg |
| RY355-DSB-A  | 09FC-RY355-DSB-A-006012 | 9/9/2009    | FD          | 6           | 12        | in         | C200.7          | 12/8/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 5.1    | mg/kg |
| RY355-DSB-A  | 09FC-RY355-DSB-A-006012 | 9/9/2009    | FD          | 6           | 12        | in         | C200.7          | 12/8/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 913    | mg/kg |
| RY355-DSB-A  | 09FC-RY355-DSB-A-006012 | 9/9/2009    | FD          | 6           | 12        | in         | C200.7          | 12/8/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 0.78   | mg/kg |
| RY355-DSB-A  | 09FC-RY355-DSB-A-006012 | 9/9/2009    | FD          | 6           | 12        | in         | C200.7          | 12/8/2009     | SODIUM        | 500                 | Y           | J-            | J-           | J         | 500                 | mg/kg | 87.1   | mg/kg |
| RY355-DSB-A  | 09FC-RY355-DSB-A-006012 | 9/9/2009    | FD          | 6           | 12        | in         | C200.7          | 12/8/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2      | mg/kg |
| RY355-DSB-A  | 09FC-RY355-DSB-A-006012 | 9/9/2009    | FD          | 6           | 12        | in         | C200.7          | 12/8/2009     | ANTIMONY      | 6                   | Y           | J             |              | J         | 6                   | mg/kg | 1.2    | mg/kg |
| RY355-DSB-A  | 09FC-RY355-DSB-A-006012 | 9/9/2009    | FD          | 6           | 12        | in         | C200.7          | 12/8/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 2.3    | mg/kg |
| RY355-DSB-A  | 09FC-RY355-DSB-A-006012 | 9/9/2009    | FD          | 6           | 12        | in         | C200.7          | 12/8/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 104    | mg/kg |
| RY355-DSB-A  | 09FC-RY355-DSB-A-006012 | 9/9/2009    | FD          | 6           | 12        | in         | C200.7          | 12/8/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.32   | mg/kg |
| RY355-DSB-A  | 09FC-RY355-DSB-A-006012 | 9/9/2009    | FD          | 6           | 12        | in         | C200.7          | 12/8/2009     | CADMIUM       | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.39   | mg/kg |
| RY355-DSB-A  | 09FC-RY355-DSB-A-006012 | 9/9/2009    | FD          | 6           | 12        | in         | C200.7          | 12/8/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 5.8    | mg/kg |
| RY355-DSB-A  | 09FC-RY355-DSB-A-006012 | 9/9/2009    | FD          | 6           | 12        | in         | C200.7          | 12/8/2009     | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 3.9    | mg/kg |
| RY355-DSB-A  | 09FC-RY355-DSB-A-006012 | 9/9/2009    | FD          | 6           | 12        | in         | C200.7          | 12/8/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 6.8    | mg/kg |
| RY355-DSB-A  | 09FC-RY355-DSB-A-006012 | 9/9/2009    | FD          | 6           | 12        | in         | C200.7          | 12/8/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 10.4   | mg/kg |
| RY355-DSB-A  | 09FC-RY355-DSB-A-006012 | 9/9/2009    | FD          | 6           | 12        | in         | C200.7          | 12/8/2009     | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 37.3   | mg/kg |
| RY355-DSB-A  | 09FC-RY355-DSB-A-006012 | 9/9/2009    | FD          | 6           | 12        | in         | C200.7          | 12/8/2009     | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 1630   | mg/kg |
| RY355-DSB-A  | 09FC-RY355-DSB-A-006012 | 9/9/2009    | FD          | 6           | 12        | in         | C200.7          | 12/8/2009     | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.8    | mg/kg |
| RY355-NSB-A  | 09FC-RY355-NSB-A-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 5560   | mg/kg |
| RY355-NSB-A  | 09FC-RY355-NSB-A-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 7680   | mg/kg |
| RY355-NSB-A  | 09FC-RY355-NSB-A-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 10.1   | mg/kg |
| RY355-NSB-A  | 09FC-RY355-NSB-A-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 2390   | mg/kg |
| RY355-NSB-A  | 09FC-RY355-NSB-A-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 297    | mg/kg |
| RY355-NSB-A  | 09FC-RY355-NSB-A-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 4.9    | mg/kg |
| RY355-NSB-A  | 09FC-RY355-NSB-A-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 906    | mg/kg |
| RY355-NSB-A  | 09FC-RY355-NSB-A-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 0.91   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY355-NSB-A  | 09FC-RY355-NSB-A-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | SODIUM        | 500                 | Y           | J-            | J-           | J         | 500                 | mg/kg | 102    | mg/kg |
| RY355-NSB-A  | 09FC-RY355-NSB-A-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.3    | mg/kg |
| RY355-NSB-A  | 09FC-RY355-NSB-A-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | ANTIMONY      | 6                   | Y           | J             |              | J         | 6                   | mg/kg | 1.2    | mg/kg |
| RY355-NSB-A  | 09FC-RY355-NSB-A-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 2.5    | mg/kg |
| RY355-NSB-A  | 09FC-RY355-NSB-A-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 102    | mg/kg |
| RY355-NSB-A  | 09FC-RY355-NSB-A-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.32   | mg/kg |
| RY355-NSB-A  | 09FC-RY355-NSB-A-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | CADMIUM       | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.46   | mg/kg |
| RY355-NSB-A  | 09FC-RY355-NSB-A-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 5.7    | mg/kg |
| RY355-NSB-A  | 09FC-RY355-NSB-A-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.1    | mg/kg |
| RY355-NSB-A  | 09FC-RY355-NSB-A-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 6.9    | mg/kg |
| RY355-NSB-A  | 09FC-RY355-NSB-A-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 10.6   | mg/kg |
| RY355-NSB-A  | 09FC-RY355-NSB-A-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 42.4   | mg/kg |
| RY355-NSB-A  | 09FC-RY355-NSB-A-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 1690   | mg/kg |
| RY355-NSB-A  | 09FC-RY355-NSB-A-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.61   | mg/kg |
| RY355-NSB-A  | 09FC-RY355-NSB-A-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 5770   | mg/kg |
| RY355-NSB-A  | 09FC-RY355-NSB-A-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 7510   | mg/kg |
| RY355-NSB-A  | 09FC-RY355-NSB-A-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 10.2   | mg/kg |
| RY355-NSB-A  | 09FC-RY355-NSB-A-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 2460   | mg/kg |
| RY355-NSB-A  | 09FC-RY355-NSB-A-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 272    | mg/kg |
| RY355-NSB-A  | 09FC-RY355-NSB-A-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 4.9    | mg/kg |
| RY355-NSB-A  | 09FC-RY355-NSB-A-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 922    | mg/kg |
| RY355-NSB-A  | 09FC-RY355-NSB-A-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 0.92   | mg/kg |
| RY355-NSB-A  | 09FC-RY355-NSB-A-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | SODIUM        | 500                 | Y           | J-            | J-           | J         | 500                 | mg/kg | 95.3   | mg/kg |
| RY355-NSB-A  | 09FC-RY355-NSB-A-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.3    | mg/kg |
| RY355-NSB-A  | 09FC-RY355-NSB-A-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | ANTIMONY      | 6                   | Y           | J             |              | J         | 6                   | mg/kg | 1.3    | mg/kg |
| RY355-NSB-A  | 09FC-RY355-NSB-A-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 2.4    | mg/kg |
| RY355-NSB-A  | 09FC-RY355-NSB-A-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 101    | mg/kg |
| RY355-NSB-A  | 09FC-RY355-NSB-A-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.34   | mg/kg |
| RY355-NSB-A  | 09FC-RY355-NSB-A-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | CADMIUM       | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.46   | mg/kg |
| RY355-NSB-A  | 09FC-RY355-NSB-A-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 5.5    | mg/kg |
| RY355-NSB-A  | 09FC-RY355-NSB-A-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 3.9    | mg/kg |
| RY355-NSB-A  | 09FC-RY355-NSB-A-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 6.7    | mg/kg |
| RY355-NSB-A  | 09FC-RY355-NSB-A-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 10.3   | mg/kg |
| RY355-NSB-A  | 09FC-RY355-NSB-A-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 37     | mg/kg |
| RY355-NSB-A  | 09FC-RY355-NSB-A-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 1690   | mg/kg |
| RY355-NSB-A  | 09FC-RY355-NSB-A-006012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.75   | mg/kg |
| RY355-NSS-A  | 09FC-RY355-NSS-A-000002 | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 5260   | mg/kg |
| RY355-NSS-A  | 09FC-RY355-NSS-A-000002 | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 6910   | mg/kg |
| RY355-NSS-A  | 09FC-RY355-NSS-A-000002 | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 16.3   | mg/kg |
| RY355-NSS-A  | 09FC-RY355-NSS-A-000002 | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 2250   | mg/kg |
| RY355-NSS-A  | 09FC-RY355-NSS-A-000002 | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 298    | mg/kg |
| RY355-NSS-A  | 09FC-RY355-NSS-A-000002 | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 4.7    | mg/kg |
| RY355-NSS-A  | 09FC-RY355-NSS-A-000002 | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 958    | mg/kg |
| RY355-NSS-A  | 09FC-RY355-NSS-A-000002 | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 0.82   | mg/kg |
| RY355-NSS-A  | 09FC-RY355-NSS-A-000002 | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | SODIUM        | 500                 | Y           | J-            | J-           | J         | 500                 | mg/kg | 77.6   | mg/kg |
| RY355-NSS-A  | 09FC-RY355-NSS-A-000002 | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.1    | mg/kg |
| RY355-NSS-A  | 09FC-RY355-NSS-A-000002 | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | ANTIMONY      | 6                   | Y           | J             |              | J         | 6                   | mg/kg | 1.4    | mg/kg |
| RY355-NSS-A  | 09FC-RY355-NSS-A-000002 | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 2.6    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY355-NSS-A  | 09FC-RY355-NSS-A-000002 | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 102    | mg/kg |
| RY355-NSS-A  | 09FC-RY355-NSS-A-000002 | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.29   | mg/kg |
| RY355-NSS-A  | 09FC-RY355-NSS-A-000002 | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | CADMIUM       | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.41   | mg/kg |
| RY355-NSS-A  | 09FC-RY355-NSS-A-000002 | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 5.7    | mg/kg |
| RY355-NSS-A  | 09FC-RY355-NSS-A-000002 | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 3.7    | mg/kg |
| RY355-NSS-A  | 09FC-RY355-NSS-A-000002 | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 7.3    | mg/kg |
| RY355-NSS-A  | 09FC-RY355-NSS-A-000002 | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 9.5    | mg/kg |
| RY355-NSS-A  | 09FC-RY355-NSS-A-000002 | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 59.6   | mg/kg |
| RY355-NSS-A  | 09FC-RY355-NSS-A-000002 | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 2530   | mg/kg |
| RY355-NSS-A  | 09FC-RY355-NSS-A-000002 | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.56   | mg/kg |
| RY356-NSB-A  | 09FC-RY356-NSB-A-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 5510   | mg/kg |
| RY356-NSB-A  | 09FC-RY356-NSB-A-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 7760   | mg/kg |
| RY356-NSB-A  | 09FC-RY356-NSB-A-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 23.2   | mg/kg |
| RY356-NSB-A  | 09FC-RY356-NSB-A-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 2250   | mg/kg |
| RY356-NSB-A  | 09FC-RY356-NSB-A-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 382    | mg/kg |
| RY356-NSB-A  | 09FC-RY356-NSB-A-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 5      | mg/kg |
| RY356-NSB-A  | 09FC-RY356-NSB-A-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 870    | mg/kg |
| RY356-NSB-A  | 09FC-RY356-NSB-A-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 0.97   | mg/kg |
| RY356-NSB-A  | 09FC-RY356-NSB-A-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | SODIUM        | 500                 | Y           | J-            | J-           | J         | 500                 | mg/kg | 84.4   | mg/kg |
| RY356-NSB-A  | 09FC-RY356-NSB-A-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.4    | mg/kg |
| RY356-NSB-A  | 09FC-RY356-NSB-A-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | ANTIMONY      | 6                   | Y           | J             |              | J         | 6                   | mg/kg | 1.2    | mg/kg |
| RY356-NSB-A  | 09FC-RY356-NSB-A-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 3.2    | mg/kg |
| RY356-NSB-A  | 09FC-RY356-NSB-A-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 126    | mg/kg |
| RY356-NSB-A  | 09FC-RY356-NSB-A-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.34   | mg/kg |
| RY356-NSB-A  | 09FC-RY356-NSB-A-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | CADMIUM       | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.48   | mg/kg |
| RY356-NSB-A  | 09FC-RY356-NSB-A-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 5.9    | mg/kg |
| RY356-NSB-A  | 09FC-RY356-NSB-A-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4      | mg/kg |
| RY356-NSB-A  | 09FC-RY356-NSB-A-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 7.5    | mg/kg |
| RY356-NSB-A  | 09FC-RY356-NSB-A-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 11.2   | mg/kg |
| RY356-NSB-A  | 09FC-RY356-NSB-A-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 66.9   | mg/kg |
| RY356-NSB-A  | 09FC-RY356-NSB-A-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 2010   | mg/kg |
| RY356-NSB-A  | 09FC-RY356-NSB-A-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.83   | mg/kg |
| RY356-NSB-B  | 09FC-RY356-NSB-B-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | ALUMINUM      | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 8640   | mg/kg |
| RY356-NSB-B  | 09FC-RY356-NSB-B-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 10400  | mg/kg |
| RY356-NSB-B  | 09FC-RY356-NSB-B-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 11.6   | mg/kg |
| RY356-NSB-B  | 09FC-RY356-NSB-B-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 2560   | mg/kg |
| RY356-NSB-B  | 09FC-RY356-NSB-B-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 470    | mg/kg |
| RY356-NSB-B  | 09FC-RY356-NSB-B-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.2    | mg/kg |
| RY356-NSB-B  | 09FC-RY356-NSB-B-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | POTASSIUM     | 500                 | Y           | J-            | J-           |           | 500                 | mg/kg | 1130   | mg/kg |
| RY356-NSB-B  | 09FC-RY356-NSB-B-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 0.81   | mg/kg |
| RY356-NSB-B  | 09FC-RY356-NSB-B-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY356-NSB-B  | 09FC-RY356-NSB-B-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2      | mg/kg |
| RY356-NSB-B  | 09FC-RY356-NSB-B-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | ANTIMONY      | 6                   | Y           | J             |              | J         | 6                   | mg/kg | 1.6    | mg/kg |
| RY356-NSB-B  | 09FC-RY356-NSB-B-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 3      | mg/kg |
| RY356-NSB-B  | 09FC-RY356-NSB-B-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | BARIUM        | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 140    | mg/kg |
| RY356-NSB-B  | 09FC-RY356-NSB-B-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.39   | mg/kg |
| RY356-NSB-B  | 09FC-RY356-NSB-B-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | CADMIUM       | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.4    | mg/kg |
| RY356-NSB-B  | 09FC-RY356-NSB-B-002006 | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | CHROMIUM      | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 6.8    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code          | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|--------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY356-NSB-B  | 09FC-RY356-NSB-B-002006  | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 4.9    | mg/kg |
| RY356-NSB-B  | 09FC-RY356-NSB-B-002006  | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 7.2    | mg/kg |
| RY356-NSB-B  | 09FC-RY356-NSB-B-002006  | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 15     | mg/kg |
| RY356-NSB-B  | 09FC-RY356-NSB-B-002006  | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 50     | mg/kg |
| RY356-NSB-B  | 09FC-RY356-NSB-B-002006  | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 1390   | mg/kg |
| RY356-NSB-B  | 09FC-RY356-NSB-B-002006  | 9/9/2009    | N           | 2           | 6         | in         | C200.7          | 12/8/2009     | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.58   | mg/kg |
| RY356-NSB-B  | 09FC-RY356-NSB-B-006012  | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | ALUMINUM      | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 7730   | mg/kg |
| RY356-NSB-B  | 09FC-RY356-NSB-B-006012  | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 12700  | mg/kg |
| RY356-NSB-B  | 09FC-RY356-NSB-B-006012  | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 173    | mg/kg |
| RY356-NSB-B  | 09FC-RY356-NSB-B-006012  | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 3320   | mg/kg |
| RY356-NSB-B  | 09FC-RY356-NSB-B-006012  | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 505    | mg/kg |
| RY356-NSB-B  | 09FC-RY356-NSB-B-006012  | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 7.2    | mg/kg |
| RY356-NSB-B  | 09FC-RY356-NSB-B-006012  | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | POTASSIUM     | 500                 | Y           | J-            | J-           |           | 500                 | mg/kg | 1170   | mg/kg |
| RY356-NSB-B  | 09FC-RY356-NSB-B-006012  | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 0.81   | mg/kg |
| RY356-NSB-B  | 09FC-RY356-NSB-B-006012  | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY356-NSB-B  | 09FC-RY356-NSB-B-006012  | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2      | mg/kg |
| RY356-NSB-B  | 09FC-RY356-NSB-B-006012  | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | ANTIMONY      | 6                   | Y           |               |              |           | 6                   | mg/kg | 44.7   | mg/kg |
| RY356-NSB-B  | 09FC-RY356-NSB-B-006012  | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 10.2   | mg/kg |
| RY356-NSB-B  | 09FC-RY356-NSB-B-006012  | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | BARIUM        | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 137    | mg/kg |
| RY356-NSB-B  | 09FC-RY356-NSB-B-006012  | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.38   | mg/kg |
| RY356-NSB-B  | 09FC-RY356-NSB-B-006012  | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | CADMIUM       | 0.5                 | Y           | U             | U            | J         | 0.5                 | mg/kg | 0.5    | mg/kg |
| RY356-NSB-B  | 09FC-RY356-NSB-B-006012  | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | CHROMIUM      | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 6.9    | mg/kg |
| RY356-NSB-B  | 09FC-RY356-NSB-B-006012  | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 4.5    | mg/kg |
| RY356-NSB-B  | 09FC-RY356-NSB-B-006012  | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 17.1   | mg/kg |
| RY356-NSB-B  | 09FC-RY356-NSB-B-006012  | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 12.4   | mg/kg |
| RY356-NSB-B  | 09FC-RY356-NSB-B-006012  | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 190    | mg/kg |
| RY356-NSB-B  | 09FC-RY356-NSB-B-006012  | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 4970   | mg/kg |
| RY356-NSB-B  | 09FC-RY356-NSB-B-006012  | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.82   | mg/kg |
| RY356-NSB-B  | 09FC-RY356-NSB-B-0-06012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | ALUMINUM      | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 7250   | mg/kg |
| RY356-NSB-B  | 09FC-RY356-NSB-B-0-06012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 10700  | mg/kg |
| RY356-NSB-B  | 09FC-RY356-NSB-B-0-06012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 45.9   | mg/kg |
| RY356-NSB-B  | 09FC-RY356-NSB-B-0-06012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 3500   | mg/kg |
| RY356-NSB-B  | 09FC-RY356-NSB-B-0-06012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 360    | mg/kg |
| RY356-NSB-B  | 09FC-RY356-NSB-B-0-06012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 7.1    | mg/kg |
| RY356-NSB-B  | 09FC-RY356-NSB-B-0-06012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | POTASSIUM     | 500                 | Y           | J-            | J-           |           | 500                 | mg/kg | 1290   | mg/kg |
| RY356-NSB-B  | 09FC-RY356-NSB-B-0-06012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 0.85   | mg/kg |
| RY356-NSB-B  | 09FC-RY356-NSB-B-0-06012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY356-NSB-B  | 09FC-RY356-NSB-B-0-06012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.1    | mg/kg |
| RY356-NSB-B  | 09FC-RY356-NSB-B-0-06012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | ANTIMONY      | 6                   | Y           | J             |              | J         | 6                   | mg/kg | 4.7    | mg/kg |
| RY356-NSB-B  | 09FC-RY356-NSB-B-0-06012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 9.9    | mg/kg |
| RY356-NSB-B  | 09FC-RY356-NSB-B-0-06012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | BARIUM        | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 118    | mg/kg |
| RY356-NSB-B  | 09FC-RY356-NSB-B-0-06012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.35   | mg/kg |
| RY356-NSB-B  | 09FC-RY356-NSB-B-0-06012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | CADMIUM       | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.42   | mg/kg |
| RY356-NSB-B  | 09FC-RY356-NSB-B-0-06012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | CHROMIUM      | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 6.8    | mg/kg |
| RY356-NSB-B  | 09FC-RY356-NSB-B-0-06012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 4.9    | mg/kg |
| RY356-NSB-B  | 09FC-RY356-NSB-B-0-06012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 11.8   | mg/kg |
| RY356-NSB-B  | 09FC-RY356-NSB-B-0-06012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 11.9   | mg/kg |
| RY356-NSB-B  | 09FC-RY356-NSB-B-0-06012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 80.4   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code          | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|--------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY356-NSB-B  | 09FC-RY356-NSB-B-0-06012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 9150   | mg/kg |
| RY356-NSB-B  | 09FC-RY356-NSB-B-0-06012 | 9/9/2009    | N           | 6           | 12        | in         | C200.7          | 12/8/2009     | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.88   | mg/kg |
| RY356-NSS-A  | 09FC-RY356-NSS-A-000002  | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | ALUMINUM      | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 8440   | mg/kg |
| RY356-NSS-A  | 09FC-RY356-NSS-A-000002  | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 10800  | mg/kg |
| RY356-NSS-A  | 09FC-RY356-NSS-A-000002  | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 31.1   | mg/kg |
| RY356-NSS-A  | 09FC-RY356-NSS-A-000002  | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 2730   | mg/kg |
| RY356-NSS-A  | 09FC-RY356-NSS-A-000002  | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 399    | mg/kg |
| RY356-NSS-A  | 09FC-RY356-NSS-A-000002  | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.3    | mg/kg |
| RY356-NSS-A  | 09FC-RY356-NSS-A-000002  | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | POTASSIUM     | 500                 | Y           | J-            | J-           |           | 500                 | mg/kg | 1070   | mg/kg |
| RY356-NSS-A  | 09FC-RY356-NSS-A-000002  | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 0.89   | mg/kg |
| RY356-NSS-A  | 09FC-RY356-NSS-A-000002  | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY356-NSS-A  | 09FC-RY356-NSS-A-000002  | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.2    | mg/kg |
| RY356-NSS-A  | 09FC-RY356-NSS-A-000002  | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | ANTIMONY      | 6                   | Y           | J             |              | J         | 6                   | mg/kg | 2      | mg/kg |
| RY356-NSS-A  | 09FC-RY356-NSS-A-000002  | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 4.3    | mg/kg |
| RY356-NSS-A  | 09FC-RY356-NSS-A-000002  | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | BARIUM        | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 129    | mg/kg |
| RY356-NSS-A  | 09FC-RY356-NSS-A-000002  | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.4    | mg/kg |
| RY356-NSS-A  | 09FC-RY356-NSS-A-000002  | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | CADMIUM       | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.44   | mg/kg |
| RY356-NSS-A  | 09FC-RY356-NSS-A-000002  | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | CHROMIUM      | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 7.5    | mg/kg |
| RY356-NSS-A  | 09FC-RY356-NSS-A-000002  | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | COBALT        | 5                   | Y           |               |              |           | 5                   | mg/kg | 4.7    | mg/kg |
| RY356-NSS-A  | 09FC-RY356-NSS-A-000002  | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 9.2    | mg/kg |
| RY356-NSS-A  | 09FC-RY356-NSS-A-000002  | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 15.7   | mg/kg |
| RY356-NSS-A  | 09FC-RY356-NSS-A-000002  | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 81.4   | mg/kg |
| RY356-NSS-A  | 09FC-RY356-NSS-A-000002  | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 2510   | mg/kg |
| RY356-NSS-A  | 09FC-RY356-NSS-A-000002  | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.71   | mg/kg |
| RY356-NSS-B  | 09FC-RY356-NSS-B-000002  | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | ALUMINUM      | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 5460   | mg/kg |
| RY356-NSS-B  | 09FC-RY356-NSS-B-000002  | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 8520   | mg/kg |
| RY356-NSS-B  | 09FC-RY356-NSS-B-000002  | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | LEAD          | 1                   | Y           |               |              |           | 1                   | mg/kg | 80.7   | mg/kg |
| RY356-NSS-B  | 09FC-RY356-NSS-B-000002  | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 3320   | mg/kg |
| RY356-NSS-B  | 09FC-RY356-NSS-B-000002  | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 327    | mg/kg |
| RY356-NSS-B  | 09FC-RY356-NSS-B-000002  | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | NICKEL        | 4                   | Y           |               |              |           | 4                   | mg/kg | 6.2    | mg/kg |
| RY356-NSS-B  | 09FC-RY356-NSS-B-000002  | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | POTASSIUM     | 500                 | Y           | J-            | J-           |           | 500                 | mg/kg | 1090   | mg/kg |
| RY356-NSS-B  | 09FC-RY356-NSS-B-000002  | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | SILVER        | 1                   | N           | U             |              | U         | 1                   | mg/kg | 0.98   | mg/kg |
| RY356-NSS-B  | 09FC-RY356-NSS-B-000002  | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | SODIUM        | 500                 | Y           | UJ            | UJ           | J         | 500                 | mg/kg | 500    | mg/kg |
| RY356-NSS-B  | 09FC-RY356-NSS-B-000002  | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.5    | mg/kg |
| RY356-NSS-B  | 09FC-RY356-NSS-B-000002  | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | ANTIMONY      | 6                   | Y           | J             |              | J         | 6                   | mg/kg | 4.8    | mg/kg |
| RY356-NSS-B  | 09FC-RY356-NSS-B-000002  | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 11.8   | mg/kg |
| RY356-NSS-B  | 09FC-RY356-NSS-B-000002  | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | BARIUM        | 20                  | Y           | J             | J            |           | 20                  | mg/kg | 105    | mg/kg |
| RY356-NSS-B  | 09FC-RY356-NSS-B-000002  | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.34   | mg/kg |
| RY356-NSS-B  | 09FC-RY356-NSS-B-000002  | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | CADMIUM       | 0.5                 | Y           | U             | U            | J         | 0.5                 | mg/kg | 0.5    | mg/kg |
| RY356-NSS-B  | 09FC-RY356-NSS-B-000002  | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | CHROMIUM      | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 6      | mg/kg |
| RY356-NSS-B  | 09FC-RY356-NSS-B-000002  | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.8    | mg/kg |
| RY356-NSS-B  | 09FC-RY356-NSS-B-000002  | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 12.5   | mg/kg |
| RY356-NSS-B  | 09FC-RY356-NSS-B-000002  | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | VANADIUM      | 5                   | Y           |               |              |           | 5                   | mg/kg | 9.4    | mg/kg |
| RY356-NSS-B  | 09FC-RY356-NSS-B-000002  | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | ZINC          | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 113    | mg/kg |
| RY356-NSS-B  | 09FC-RY356-NSS-B-000002  | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 5800   | mg/kg |
| RY356-NSS-B  | 09FC-RY356-NSS-B-000002  | 9/9/2009    | N           | 0           | 2         | in         | C200.7          | 12/8/2009     | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.72   | mg/kg |
| RY369-NSB-B  | 09FC-RY369-NSB-B-002006  | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 8570   | mg/kg |
| RY369-NSB-B  | 09FC-RY369-NSB-B-002006  | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 12200  | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY369-NSB-B  | 09FC-RY369-NSB-B-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 1160   | mg/kg |
| RY369-NSB-B  | 09FC-RY369-NSB-B-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 3450   | mg/kg |
| RY369-NSB-B  | 09FC-RY369-NSB-B-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 382    | mg/kg |
| RY369-NSB-B  | 09FC-RY369-NSB-B-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | NICKEL        | 4                   | Y           | J             | J            | J         | 4                   | mg/kg | 5.7    | mg/kg |
| RY369-NSB-B  | 09FC-RY369-NSB-B-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1990   | mg/kg |
| RY369-NSB-B  | 09FC-RY369-NSB-B-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | SILVER        | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 5.3    | mg/kg |
| RY369-NSB-B  | 09FC-RY369-NSB-B-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 106    | mg/kg |
| RY369-NSB-B  | 09FC-RY369-NSB-B-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 3.6    | mg/kg |
| RY369-NSB-B  | 09FC-RY369-NSB-B-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | ANTIMONY      | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 23.8   | mg/kg |
| RY369-NSB-B  | 09FC-RY369-NSB-B-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 44.5   | mg/kg |
| RY369-NSB-B  | 09FC-RY369-NSB-B-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 201    | mg/kg |
| RY369-NSB-B  | 09FC-RY369-NSB-B-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | BERYLLIUM     | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.72   | mg/kg |
| RY369-NSB-B  | 09FC-RY369-NSB-B-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 33.3   | mg/kg |
| RY369-NSB-B  | 09FC-RY369-NSB-B-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 18.6   | mg/kg |
| RY369-NSB-B  | 09FC-RY369-NSB-B-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.4    | mg/kg |
| RY369-NSB-B  | 09FC-RY369-NSB-B-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | COPPER        | 2.5                 | Y           | J+            | J+           |           | 2.5                 | mg/kg | 21.8   | mg/kg |
| RY369-NSB-B  | 09FC-RY369-NSB-B-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | VANADIUM      | 5                   | Y           | J-            | J-           |           | 5                   | mg/kg | 10.2   | mg/kg |
| RY369-NSB-B  | 09FC-RY369-NSB-B-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 6490   | mg/kg |
| RY369-NSB-B  | 09FC-RY369-NSB-B-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/28/2009    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.76   | mg/kg |
| RY369-NSB-B  | 09FC-RY369-NSB-B-002006 | 9/24/2009   | N           | 2           | 6         | in         | C200.7          | 11/29/2009    | ZINC          | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 9090   | mg/kg |
| RY369-NSB-B  | 09FC-RY369-NSB-B-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 8310   | mg/kg |
| RY369-NSB-B  | 09FC-RY369-NSB-B-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 10800  | mg/kg |
| RY369-NSB-B  | 09FC-RY369-NSB-B-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 315    | mg/kg |
| RY369-NSB-B  | 09FC-RY369-NSB-B-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 3450   | mg/kg |
| RY369-NSB-B  | 09FC-RY369-NSB-B-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 331    | mg/kg |
| RY369-NSB-B  | 09FC-RY369-NSB-B-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | NICKEL        | 4                   | Y           | J             | J            |           | 4                   | mg/kg | 5.7    | mg/kg |
| RY369-NSB-B  | 09FC-RY369-NSB-B-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1900   | mg/kg |
| RY369-NSB-B  | 09FC-RY369-NSB-B-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | SILVER        | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 1.3    | mg/kg |
| RY369-NSB-B  | 09FC-RY369-NSB-B-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 94.9   | mg/kg |
| RY369-NSB-B  | 09FC-RY369-NSB-B-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.7    | mg/kg |
| RY369-NSB-B  | 09FC-RY369-NSB-B-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | ANTIMONY      | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 18.7   | mg/kg |
| RY369-NSB-B  | 09FC-RY369-NSB-B-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 25.1   | mg/kg |
| RY369-NSB-B  | 09FC-RY369-NSB-B-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | BARIUM        | 20                  | Y           |               |              |           | 20                  | mg/kg | 144    | mg/kg |
| RY369-NSB-B  | 09FC-RY369-NSB-B-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | BERYLLIUM     | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.54   | mg/kg |
| RY369-NSB-B  | 09FC-RY369-NSB-B-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | CADMIUM       | 0.5                 | Y           |               |              |           | 0.5                 | mg/kg | 4.3    | mg/kg |
| RY369-NSB-B  | 09FC-RY369-NSB-B-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 7.2    | mg/kg |
| RY369-NSB-B  | 09FC-RY369-NSB-B-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | COBALT        | 5                   | Y           | J             |              | J         | 5                   | mg/kg | 4.3    | mg/kg |
| RY369-NSB-B  | 09FC-RY369-NSB-B-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | COPPER        | 2.5                 | Y           | J+            | J+           |           | 2.5                 | mg/kg | 18.5   | mg/kg |
| RY369-NSB-B  | 09FC-RY369-NSB-B-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | VANADIUM      | 5                   | Y           | J-            | J-           |           | 5                   | mg/kg | 10.2   | mg/kg |
| RY369-NSB-B  | 09FC-RY369-NSB-B-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | ZINC          | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 892    | mg/kg |
| RY369-NSB-B  | 09FC-RY369-NSB-B-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 5910   | mg/kg |
| RY369-NSB-B  | 09FC-RY369-NSB-B-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.34   | mg/kg |
| RY369-NSB-E  | 09FC-RY369-NSB-E-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 7430   | mg/kg |
| RY369-NSB-E  | 09FC-RY369-NSB-E-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 9550   | mg/kg |
| RY369-NSB-E  | 09FC-RY369-NSB-E-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 135    | mg/kg |
| RY369-NSB-E  | 09FC-RY369-NSB-E-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 4170   | mg/kg |
| RY369-NSB-E  | 09FC-RY369-NSB-E-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 270    | mg/kg |
| RY369-NSB-E  | 09FC-RY369-NSB-E-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | NICKEL        | 4                   | Y           | J             | J            |           | 4                   | mg/kg | 6      | mg/kg |



Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code         | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-------------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY369-NSB-E  | 09FC-RY369-NSB-E-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1390   | mg/kg |
| RY369-NSB-E  | 09FC-RY369-NSB-E-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | SILVER        | 1                   | Y           | J             | J            | J         | 1                   | mg/kg | 0.92   | mg/kg |
| RY369-NSB-E  | 09FC-RY369-NSB-E-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 82.2   | mg/kg |
| RY369-NSB-E  | 09FC-RY369-NSB-E-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY369-NSB-E  | 09FC-RY369-NSB-E-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | ANTIMONY      | 6                   | Y           | J             | J            | J         | 6                   | mg/kg | 4.1    | mg/kg |
| RY369-NSB-E  | 09FC-RY369-NSB-E-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 29.3   | mg/kg |
| RY369-NSB-E  | 09FC-RY369-NSB-E-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | BARIUM        | 20                  | Y           | J-            | J-           |           | 20                  | mg/kg | 109    | mg/kg |
| RY369-NSB-E  | 09FC-RY369-NSB-E-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | BERYLLIUM     | 0.5                 | N           | U             |              | U         | 0.5                 | mg/kg | 0.52   | mg/kg |
| RY369-NSB-E  | 09FC-RY369-NSB-E-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | CADMIUM       | 0.5                 | Y           | J-            | J-           |           | 0.5                 | mg/kg | 0.8    | mg/kg |
| RY369-NSB-E  | 09FC-RY369-NSB-E-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 6.1    | mg/kg |
| RY369-NSB-E  | 09FC-RY369-NSB-E-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | COBALT        | 5                   | Y           | UJ            | UJ           | J         | 5                   | mg/kg | 5      | mg/kg |
| RY369-NSB-E  | 09FC-RY369-NSB-E-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | COPPER        | 2.5                 | Y           | J+            | J+           |           | 2.5                 | mg/kg | 16.2   | mg/kg |
| RY369-NSB-E  | 09FC-RY369-NSB-E-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | VANADIUM      | 5                   | Y           | J-            | J-           |           | 5                   | mg/kg | 9.1    | mg/kg |
| RY369-NSB-E  | 09FC-RY369-NSB-E-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | ZINC          | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 221    | mg/kg |
| RY369-NSB-E  | 09FC-RY369-NSB-E-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 10500  | mg/kg |
| RY369-NSB-E  | 09FC-RY369-NSB-E-006012 | 9/24/2009   | N           | 6           | 12        | in         | C200.7          | 11/28/2009    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.6    | mg/kg |
| RY369-NSS-B  | 09FC-RY369-NSS-B-000002 | 9/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | ALUMINUM      | 20                  | Y           |               |              |           | 20                  | mg/kg | 8420   | mg/kg |
| RY369-NSS-B  | 09FC-RY369-NSS-B-000002 | 9/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | IRON          | 10                  | Y           | J             | J            |           | 10                  | mg/kg | 11100  | mg/kg |
| RY369-NSS-B  | 09FC-RY369-NSS-B-000002 | 9/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | LEAD          | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 343    | mg/kg |
| RY369-NSS-B  | 09FC-RY369-NSS-B-000002 | 9/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 3360   | mg/kg |
| RY369-NSS-B  | 09FC-RY369-NSS-B-000002 | 9/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 272    | mg/kg |
| RY369-NSS-B  | 09FC-RY369-NSS-B-000002 | 9/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | NICKEL        | 4                   | Y           | J             | J            |           | 4                   | mg/kg | 5.7    | mg/kg |
| RY369-NSS-B  | 09FC-RY369-NSS-B-000002 | 9/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1750   | mg/kg |
| RY369-NSS-B  | 09FC-RY369-NSS-B-000002 | 9/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | SILVER        | 1                   | Y           | J             | J            |           | 1                   | mg/kg | 1.5    | mg/kg |
| RY369-NSS-B  | 09FC-RY369-NSS-B-000002 | 9/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 179    | mg/kg |
| RY369-NSS-B  | 09FC-RY369-NSS-B-000002 | 9/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.7    | mg/kg |
| RY369-NSS-B  | 09FC-RY369-NSS-B-000002 | 9/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | ANTIMONY      | 6                   | Y           | J             | J            |           | 6                   | mg/kg | 13.9   | mg/kg |
| RY369-NSS-B  | 09FC-RY369-NSS-B-000002 | 9/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | ARSENIC       | 1                   | Y           |               |              |           | 1                   | mg/kg | 26     | mg/kg |
| RY369-NSS-B  | 09FC-RY369-NSS-B-000002 | 9/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | BARIUM        | 20                  | Y           | J-            | J-           |           | 20                  | mg/kg | 183    | mg/kg |
| RY369-NSS-B  | 09FC-RY369-NSS-B-000002 | 9/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | BERYLLIUM     | 0.5                 | Y           | J             |              | J         | 0.5                 | mg/kg | 0.093  | mg/kg |
| RY369-NSS-B  | 09FC-RY369-NSS-B-000002 | 9/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | CADMIUM       | 0.5                 | Y           | J-            | J-           |           | 0.5                 | mg/kg | 3.9    | mg/kg |
| RY369-NSS-B  | 09FC-RY369-NSS-B-000002 | 9/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | CHROMIUM      | 1                   | Y           |               |              |           | 1                   | mg/kg | 7.5    | mg/kg |
| RY369-NSS-B  | 09FC-RY369-NSS-B-000002 | 9/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | COBALT        | 5                   | Y           | UJ            | UJ           | J         | 5                   | mg/kg | 5      | mg/kg |
| RY369-NSS-B  | 09FC-RY369-NSS-B-000002 | 9/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | COPPER        | 2.5                 | Y           | J+            | J+           |           | 2.5                 | mg/kg | 31     | mg/kg |
| RY369-NSS-B  | 09FC-RY369-NSS-B-000002 | 9/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | VANADIUM      | 5                   | Y           | J-            | J-           |           | 5                   | mg/kg | 11.5   | mg/kg |
| RY369-NSS-B  | 09FC-RY369-NSS-B-000002 | 9/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | ZINC          | 6                   | Y           | J-            | J-           |           | 6                   | mg/kg | 892    | mg/kg |
| RY369-NSS-B  | 09FC-RY369-NSS-B-000002 | 9/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 6400   | mg/kg |
| RY369-NSS-B  | 09FC-RY369-NSS-B-000002 | 9/24/2009   | N           | 0           | 2         | in         | C200.7          | 11/28/2009    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.37   | mg/kg |
| RY366-D      | 10FC-RY366-D-000002     | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/3/2010     | ALUMINUM      | 21.0                | Y           |               |              |           | 21.0                | mg/kg | 3120   | mg/kg |
| RY366-D      | 10FC-RY366-D-000002     | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/3/2010     | ANTIMONY      | 6.3                 | Y           |               |              |           | 6.3                 | mg/kg | 11.3   | mg/kg |
| RY366-D      | 10FC-RY366-D-000002     | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/3/2010     | ARSENIC       | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 23.8   | mg/kg |
| RY366-D      | 10FC-RY366-D-000002     | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/3/2010     | BARIUM        | 21.0                | Y           |               |              |           | 21.0                | mg/kg | 92.4   | mg/kg |
| RY366-D      | 10FC-RY366-D-000002     | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | IRON          | 10.5                | Y           |               |              |           | 10.5                | mg/kg | 9040   | mg/kg |
| RY366-D      | 10FC-RY366-D-000002     | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | LEAD          | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 230    | mg/kg |
| RY366-D      | 10FC-RY366-D-000002     | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 524                 | Y           |               |              |           | 524                 | mg/kg | 2480   | mg/kg |
| RY366-D      | 10FC-RY366-D-000002     | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | MANGANESE     | 1.6                 | Y           |               |              |           | 1.6                 | mg/kg | 304    | mg/kg |
| RY366-D      | 10FC-RY366-D-000002     | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | NICKEL        | 4.2                 | Y           |               |              |           | 4.2                 | mg/kg | 7.3    | mg/kg |
| RY366-D      | 10FC-RY366-D-000002     | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | POTASSIUM     | 524                 | Y           |               |              |           | 524                 | mg/kg | 808    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY366-D      | 10FC-RY366-D-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | SILVER        | 1.0           | Y           | J             |              | J         | 1.0           | mg/kg | 0.42   | mg/kg |
| RY366-D      | 10FC-RY366-D-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | SODIUM        | 524           | Y           | J             |              | J         | 524           | mg/kg | 304    | mg/kg |
| RY366-D      | 10FC-RY366-D-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | THALLIUM      | 2.6           | N           | U             |              | U         | 2.6           | mg/kg | 2.6    | mg/kg |
| RY366-D      | 10FC-RY366-D-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | BERYLLIUM     | 0.52          | Y           | J             |              | J         | 0.52          | mg/kg | 0.27   | mg/kg |
| RY366-D      | 10FC-RY366-D-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | CADMIUM       | 0.52          | Y           |               |              |           | 0.52          | mg/kg | 1.7    | mg/kg |
| RY366-D      | 10FC-RY366-D-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | CHROMIUM      | 1.0           | Y           |               |              |           | 1.0           | mg/kg | 8.4    | mg/kg |
| RY366-D      | 10FC-RY366-D-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | COBALT        | 5.2           | Y           | J             |              | J         | 5.2           | mg/kg | 3.5    | mg/kg |
| RY366-D      | 10FC-RY366-D-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | COPPER        | 2.6           | Y           |               |              |           | 2.6           | mg/kg | 24.3   | mg/kg |
| RY366-D      | 10FC-RY366-D-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | VANADIUM      | 5.2           | Y           |               |              |           | 5.2           | mg/kg | 6.2    | mg/kg |
| RY366-D      | 10FC-RY366-D-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | ZINC          | 6.3           | Y           |               |              |           | 6.3           | mg/kg | 301    | mg/kg |
| RY366-D      | 10FC-RY366-D-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | CALCIUM       | 524           | Y           |               |              |           | 524           | mg/kg | 6850   | mg/kg |
| RY366-D      | 10FC-RY366-D-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | SELENIUM      | 3.7           | N           | U             |              | U         | 3.7           | mg/kg | 3.7    | mg/kg |
| RY366-D      | 10FC-RY366-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/3/2010     | ALUMINUM      | 15.1          | Y           |               |              |           | 15.1          | mg/kg | 4900   | mg/kg |
| RY366-D      | 10FC-RY366-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/3/2010     | ANTIMONY      | 4.5           | Y           |               |              |           | 4.5           | mg/kg | 18.1   | mg/kg |
| RY366-D      | 10FC-RY366-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/3/2010     | ARSENIC       | 0.76          | Y           |               |              |           | 0.76          | mg/kg | 48.1   | mg/kg |
| RY366-D      | 10FC-RY366-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/3/2010     | BARIUM        | 15.1          | Y           |               |              |           | 15.1          | mg/kg | 125    | mg/kg |
| RY366-D      | 10FC-RY366-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | IRON          | 7.6           | Y           |               |              |           | 7.6           | mg/kg | 14600  | mg/kg |
| RY366-D      | 10FC-RY366-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | LEAD          | 0.76          | Y           |               |              |           | 0.76          | mg/kg | 331    | mg/kg |
| RY366-D      | 10FC-RY366-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 378           | Y           |               |              |           | 378           | mg/kg | 4380   | mg/kg |
| RY366-D      | 10FC-RY366-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | MANGANESE     | 1.1           | Y           |               |              |           | 1.1           | mg/kg | 452    | mg/kg |
| RY366-D      | 10FC-RY366-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | NICKEL        | 3.0           | Y           |               |              |           | 3.0           | mg/kg | 11.6   | mg/kg |
| RY366-D      | 10FC-RY366-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | POTASSIUM     | 378           | Y           |               |              |           | 378           | mg/kg | 1190   | mg/kg |
| RY366-D      | 10FC-RY366-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | SILVER        | 0.76          | Y           |               |              |           | 0.76          | mg/kg | 0.95   | mg/kg |
| RY366-D      | 10FC-RY366-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | SODIUM        | 378           | Y           | J             |              | J         | 378           | mg/kg | 191    | mg/kg |
| RY366-D      | 10FC-RY366-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | THALLIUM      | 1.9           | N           | U             |              | U         | 1.9           | mg/kg | 1.9    | mg/kg |
| RY366-D      | 10FC-RY366-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | BERYLLIUM     | 0.38          | Y           | J             |              | J         | 0.38          | mg/kg | 0.37   | mg/kg |
| RY366-D      | 10FC-RY366-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | CADMIUM       | 0.38          | Y           |               |              |           | 0.38          | mg/kg | 2.3    | mg/kg |
| RY366-D      | 10FC-RY366-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | CHROMIUM      | 0.76          | Y           |               |              |           | 0.76          | mg/kg | 7.6    | mg/kg |
| RY366-D      | 10FC-RY366-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | COBALT        | 3.8           | Y           |               |              |           | 3.8           | mg/kg | 7.2    | mg/kg |
| RY366-D      | 10FC-RY366-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | COPPER        | 1.9           | Y           |               |              |           | 1.9           | mg/kg | 27.6   | mg/kg |
| RY366-D      | 10FC-RY366-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | VANADIUM      | 3.8           | Y           |               |              |           | 3.8           | mg/kg | 8.8    | mg/kg |
| RY366-D      | 10FC-RY366-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | ZINC          | 4.5           | Y           |               |              |           | 4.5           | mg/kg | 461    | mg/kg |
| RY366-D      | 10FC-RY366-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | CALCIUM       | 378           | Y           |               |              |           | 378           | mg/kg | 17500  | mg/kg |
| RY366-D      | 10FC-RY366-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | SELENIUM      | 2.6           | N           | U             |              | U         | 2.6           | mg/kg | 2.6    | mg/kg |
| RY366-D      | 10FC-RY366-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/3/2010     | ALUMINUM      | 13.1          | Y           |               |              |           | 13.1          | mg/kg | 3660   | mg/kg |
| RY366-D      | 10FC-RY366-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/3/2010     | ANTIMONY      | 3.9           | Y           |               |              |           | 3.9           | mg/kg | 48.9   | mg/kg |
| RY366-D      | 10FC-RY366-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/3/2010     | ARSENIC       | 0.65          | Y           |               |              |           | 0.65          | mg/kg | 167    | mg/kg |
| RY366-D      | 10FC-RY366-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/3/2010     | BARIUM        | 13.1          | Y           |               |              |           | 13.1          | mg/kg | 185    | mg/kg |
| RY366-D      | 10FC-RY366-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | BERYLLIUM     | 0.33          | Y           | J             |              | J         | 0.33          | mg/kg | 0.32   | mg/kg |
| RY366-D      | 10FC-RY366-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CADMIUM       | 0.33          | Y           |               |              |           | 0.33          | mg/kg | 3.1    | mg/kg |
| RY366-D      | 10FC-RY366-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | IRON          | 6.5           | Y           |               |              |           | 6.5           | mg/kg | 14500  | mg/kg |
| RY366-D      | 10FC-RY366-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | LEAD          | 0.65          | Y           |               |              |           | 0.65          | mg/kg | 495    | mg/kg |
| RY366-D      | 10FC-RY366-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 327           | Y           |               |              |           | 327           | mg/kg | 3860   | mg/kg |
| RY366-D      | 10FC-RY366-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | MANGANESE     | 0.98          | Y           |               |              |           | 0.98          | mg/kg | 426    | mg/kg |
| RY366-D      | 10FC-RY366-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | NICKEL        | 2.6           | Y           |               |              |           | 2.6           | mg/kg | 12.7   | mg/kg |
| RY366-D      | 10FC-RY366-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | POTASSIUM     | 327           | Y           |               |              |           | 327           | mg/kg | 864    | mg/kg |
| RY366-D      | 10FC-RY366-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SILVER        | 0.65          | Y           |               |              |           | 0.65          | mg/kg | 2.4    | mg/kg |
| RY366-D      | 10FC-RY366-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SODIUM        | 327           | Y           | J             |              | J         | 327           | mg/kg | 151    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY366-D      | 10FC-RY366-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | THALLIUM      | 1.6           | N           | U             |              | U         | 1.6           | mg/kg | 1.6    | mg/kg |
| RY366-D      | 10FC-RY366-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CHROMIUM      | 0.65          | Y           |               |              |           | 0.65          | mg/kg | 6.6    | mg/kg |
| RY366-D      | 10FC-RY366-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | COBALT        | 3.3           | Y           |               |              |           | 3.3           | mg/kg | 8.1    | mg/kg |
| RY366-D      | 10FC-RY366-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | COPPER        | 1.6           | Y           |               |              |           | 1.6           | mg/kg | 27.5   | mg/kg |
| RY366-D      | 10FC-RY366-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | VANADIUM      | 3.3           | Y           |               |              |           | 3.3           | mg/kg | 7      | mg/kg |
| RY366-D      | 10FC-RY366-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | ZINC          | 3.9           | Y           |               |              |           | 3.9           | mg/kg | 553    | mg/kg |
| RY366-D      | 10FC-RY366-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CALCIUM       | 3270          | Y           |               |              |           | 3270          | mg/kg | 29000  | mg/kg |
| RY366-D      | 10FC-RY366-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SELENIUM      | 2.3           | N           | U             |              | U         | 2.3           | mg/kg | 2.3    | mg/kg |
| RY366-E      | 10FC-RY366-E-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/3/2010     | ALUMINUM      | 16.1          | Y           |               |              |           | 16.1          | mg/kg | 6440   | mg/kg |
| RY366-E      | 10FC-RY366-E-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/3/2010     | ANTIMONY      | 4.8           | Y           |               |              |           | 4.8           | mg/kg | 12.2   | mg/kg |
| RY366-E      | 10FC-RY366-E-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/3/2010     | ARSENIC       | 0.80          | Y           |               |              |           | 0.80          | mg/kg | 28     | mg/kg |
| RY366-E      | 10FC-RY366-E-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/3/2010     | BARIUM        | 16.1          | Y           |               |              |           | 16.1          | mg/kg | 201    | mg/kg |
| RY366-E      | 10FC-RY366-E-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | IRON          | 8.0           | Y           |               |              |           | 8.0           | mg/kg | 13800  | mg/kg |
| RY366-E      | 10FC-RY366-E-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | LEAD          | 0.80          | Y           |               |              |           | 0.80          | mg/kg | 289    | mg/kg |
| RY366-E      | 10FC-RY366-E-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 401           | Y           |               |              |           | 401           | mg/kg | 3370   | mg/kg |
| RY366-E      | 10FC-RY366-E-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | MANGANESE     | 1.2           | Y           |               |              |           | 1.2           | mg/kg | 483    | mg/kg |
| RY366-E      | 10FC-RY366-E-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | NICKEL        | 3.2           | Y           |               |              |           | 3.2           | mg/kg | 9      | mg/kg |
| RY366-E      | 10FC-RY366-E-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | POTASSIUM     | 401           | Y           |               |              |           | 401           | mg/kg | 2020   | mg/kg |
| RY366-E      | 10FC-RY366-E-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | SILVER        | 0.80          | Y           | J             |              | J         | 0.80          | mg/kg | 0.53   | mg/kg |
| RY366-E      | 10FC-RY366-E-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | SODIUM        | 401           | Y           | J             |              | J         | 401           | mg/kg | 185    | mg/kg |
| RY366-E      | 10FC-RY366-E-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | THALLIUM      | 2.0           | N           | U             |              | U         | 2.0           | mg/kg | 2      | mg/kg |
| RY366-E      | 10FC-RY366-E-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | BERYLLIUM     | 0.40          | Y           |               |              |           | 0.40          | mg/kg | 0.44   | mg/kg |
| RY366-E      | 10FC-RY366-E-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | CADMIUM       | 0.40          | Y           |               |              |           | 0.40          | mg/kg | 1.9    | mg/kg |
| RY366-E      | 10FC-RY366-E-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | CHROMIUM      | 0.80          | Y           |               |              |           | 0.80          | mg/kg | 6      | mg/kg |
| RY366-E      | 10FC-RY366-E-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | COBALT        | 4.0           | Y           |               |              |           | 4.0           | mg/kg | 6.2    | mg/kg |
| RY366-E      | 10FC-RY366-E-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | COPPER        | 2.0           | Y           |               |              |           | 2.0           | mg/kg | 42.2   | mg/kg |
| RY366-E      | 10FC-RY366-E-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | VANADIUM      | 4.0           | Y           |               |              |           | 4.0           | mg/kg | 10.7   | mg/kg |
| RY366-E      | 10FC-RY366-E-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | ZINC          | 4.8           | Y           |               |              |           | 4.8           | mg/kg | 395    | mg/kg |
| RY366-E      | 10FC-RY366-E-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | CALCIUM       | 401           | Y           |               |              |           | 401           | mg/kg | 11300  | mg/kg |
| RY366-E      | 10FC-RY366-E-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | SELENIUM      | 2.8           | N           | U             |              | U         | 2.8           | mg/kg | 2.8    | mg/kg |
| RY366-E      | 10FC-RY366-E-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/3/2010     | ALUMINUM      | 14.7          | Y           |               |              |           | 14.7          | mg/kg | 5450   | mg/kg |
| RY366-E      | 10FC-RY366-E-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/3/2010     | ANTIMONY      | 4.4           | Y           |               |              |           | 4.4           | mg/kg | 8.9    | mg/kg |
| RY366-E      | 10FC-RY366-E-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/3/2010     | ARSENIC       | 0.74          | Y           |               |              |           | 0.74          | mg/kg | 25.8   | mg/kg |
| RY366-E      | 10FC-RY366-E-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/3/2010     | BARIUM        | 14.7          | Y           |               |              |           | 14.7          | mg/kg | 148    | mg/kg |
| RY366-E      | 10FC-RY366-E-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | IRON          | 7.4           | Y           |               |              |           | 7.4           | mg/kg | 11400  | mg/kg |
| RY366-E      | 10FC-RY366-E-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | LEAD          | 0.74          | Y           |               |              |           | 0.74          | mg/kg | 192    | mg/kg |
| RY366-E      | 10FC-RY366-E-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 368           | Y           |               |              |           | 368           | mg/kg | 2900   | mg/kg |
| RY366-E      | 10FC-RY366-E-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | MANGANESE     | 1.1           | Y           |               |              |           | 1.1           | mg/kg | 396    | mg/kg |
| RY366-E      | 10FC-RY366-E-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | NICKEL        | 2.9           | Y           |               |              |           | 2.9           | mg/kg | 7.1    | mg/kg |
| RY366-E      | 10FC-RY366-E-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | POTASSIUM     | 368           | Y           |               |              |           | 368           | mg/kg | 1630   | mg/kg |
| RY366-E      | 10FC-RY366-E-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | SILVER        | 0.74          | Y           | J             |              | J         | 0.74          | mg/kg | 0.32   | mg/kg |
| RY366-E      | 10FC-RY366-E-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | SODIUM        | 368           | Y           | J             |              | J         | 368           | mg/kg | 153    | mg/kg |
| RY366-E      | 10FC-RY366-E-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | THALLIUM      | 1.8           | N           | U             |              | U         | 1.8           | mg/kg | 1.8    | mg/kg |
| RY366-E      | 10FC-RY366-E-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | BERYLLIUM     | 0.37          | Y           | J             |              | J         | 0.37          | mg/kg | 0.35   | mg/kg |
| RY366-E      | 10FC-RY366-E-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | CADMIUM       | 0.37          | Y           |               |              |           | 0.37          | mg/kg | 2      | mg/kg |
| RY366-E      | 10FC-RY366-E-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | CHROMIUM      | 0.74          | Y           |               |              |           | 0.74          | mg/kg | 5.2    | mg/kg |
| RY366-E      | 10FC-RY366-E-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | COBALT        | 3.7           | Y           |               |              |           | 3.7           | mg/kg | 4.9    | mg/kg |
| RY366-E      | 10FC-RY366-E-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | COPPER        | 1.8           | Y           |               |              |           | 1.8           | mg/kg | 27.3   | mg/kg |

## Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report       | detect flag | interp. quals | valid. quals | lab quals | report       | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|--------------|-------------|---------------|--------------|-----------|--------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | result limit |             |               |              |           | detect limit |       |        |       |
| RY366-E      | 10FC-RY366-E-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | VANADIUM      | 3.7          | Y           |               |              |           | 3.7          | mg/kg | 8.8    | mg/kg |
| RY366-E      | 10FC-RY366-E-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | ZINC          | 4.4          | Y           |               |              |           | 4.4          | mg/kg | 379    | mg/kg |
| RY366-E      | 10FC-RY366-E-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | CALCIUM       | 368          | Y           |               |              |           | 368          | mg/kg | 7430   | mg/kg |
| RY366-E      | 10FC-RY366-E-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | SELENIUM      | 2.6          | N           | U             |              | U         | 2.6          | mg/kg | 2.6    | mg/kg |
| RY366-E      | 10FC-RY366-E-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/3/2010     | ALUMINUM      | 13.9         | Y           |               |              |           | 13.9         | mg/kg | 5660   | mg/kg |
| RY366-E      | 10FC-RY366-E-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/3/2010     | ANTIMONY      | 4.2          | Y           |               |              |           | 4.2          | mg/kg | 6      | mg/kg |
| RY366-E      | 10FC-RY366-E-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/3/2010     | ARSENIC       | 0.70         | Y           |               |              |           | 0.70         | mg/kg | 19.1   | mg/kg |
| RY366-E      | 10FC-RY366-E-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/3/2010     | BARIUM        | 13.9         | Y           |               |              |           | 13.9         | mg/kg | 151    | mg/kg |
| RY366-E      | 10FC-RY366-E-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | IRON          | 7.0          | Y           |               |              |           | 7.0          | mg/kg | 11400  | mg/kg |
| RY366-E      | 10FC-RY366-E-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | LEAD          | 0.70         | Y           |               |              |           | 0.70         | mg/kg | 146    | mg/kg |
| RY366-E      | 10FC-RY366-E-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 349          | Y           |               |              |           | 349          | mg/kg | 2880   | mg/kg |
| RY366-E      | 10FC-RY366-E-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | MANGANESE     | 1.0          | Y           |               |              |           | 1.0          | mg/kg | 404    | mg/kg |
| RY366-E      | 10FC-RY366-E-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | NICKEL        | 2.8          | Y           |               |              |           | 2.8          | mg/kg | 7.2    | mg/kg |
| RY366-E      | 10FC-RY366-E-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | POTASSIUM     | 349          | Y           |               |              |           | 349          | mg/kg | 1840   | mg/kg |
| RY366-E      | 10FC-RY366-E-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SILVER        | 0.70         | N           | U             |              | U         | 0.70         | mg/kg | 0.7    | mg/kg |
| RY366-E      | 10FC-RY366-E-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SODIUM        | 349          | Y           | J             |              | J         | 349          | mg/kg | 154    | mg/kg |
| RY366-E      | 10FC-RY366-E-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | THALLIUM      | 1.7          | N           | U             |              | U         | 1.7          | mg/kg | 1.7    | mg/kg |
| RY366-E      | 10FC-RY366-E-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | BERYLLIUM     | 0.35         | Y           |               |              |           | 0.35         | mg/kg | 0.37   | mg/kg |
| RY366-E      | 10FC-RY366-E-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CADMIUM       | 0.35         | Y           |               |              |           | 0.35         | mg/kg | 1.2    | mg/kg |
| RY366-E      | 10FC-RY366-E-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CHROMIUM      | 0.70         | Y           |               |              |           | 0.70         | mg/kg | 4.7    | mg/kg |
| RY366-E      | 10FC-RY366-E-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | COBALT        | 3.5          | Y           |               |              |           | 3.5          | mg/kg | 5.1    | mg/kg |
| RY366-E      | 10FC-RY366-E-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | COPPER        | 1.7          | Y           |               |              |           | 1.7          | mg/kg | 20.6   | mg/kg |
| RY366-E      | 10FC-RY366-E-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | VANADIUM      | 3.5          | Y           |               |              |           | 3.5          | mg/kg | 8.8    | mg/kg |
| RY366-E      | 10FC-RY366-E-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | ZINC          | 4.2          | Y           |               |              |           | 4.2          | mg/kg | 245    | mg/kg |
| RY366-E      | 10FC-RY366-E-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CALCIUM       | 349          | Y           |               |              |           | 349          | mg/kg | 9760   | mg/kg |
| RY366-E      | 10FC-RY366-E-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SELENIUM      | 2.4          | N           | U             |              | U         | 2.4          | mg/kg | 2.4    | mg/kg |
| RY371-D      | 10FC-RY371-D-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/3/2010     | ALUMINUM      | 13.4         | Y           |               |              |           | 13.4         | mg/kg | 3410   | mg/kg |
| RY371-D      | 10FC-RY371-D-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/3/2010     | ANTIMONY      | 4.0          | Y           | J             |              | J         | 4.0          | mg/kg | 0.51   | mg/kg |
| RY371-D      | 10FC-RY371-D-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/3/2010     | ARSENIC       | 0.67         | Y           |               |              |           | 0.67         | mg/kg | 2.2    | mg/kg |
| RY371-D      | 10FC-RY371-D-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/3/2010     | BARIUM        | 13.4         | Y           |               |              |           | 13.4         | mg/kg | 76.8   | mg/kg |
| RY371-D      | 10FC-RY371-D-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | IRON          | 6.7          | Y           |               |              |           | 6.7          | mg/kg | 6760   | mg/kg |
| RY371-D      | 10FC-RY371-D-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | LEAD          | 0.67         | Y           |               |              |           | 0.67         | mg/kg | 9      | mg/kg |
| RY371-D      | 10FC-RY371-D-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 336          | Y           |               |              |           | 336          | mg/kg | 2280   | mg/kg |
| RY371-D      | 10FC-RY371-D-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | MANGANESE     | 1.0          | Y           |               |              |           | 1.0          | mg/kg | 176    | mg/kg |
| RY371-D      | 10FC-RY371-D-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | NICKEL        | 2.7          | Y           |               |              |           | 2.7          | mg/kg | 4.8    | mg/kg |
| RY371-D      | 10FC-RY371-D-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | POTASSIUM     | 336          | Y           |               |              |           | 336          | mg/kg | 898    | mg/kg |
| RY371-D      | 10FC-RY371-D-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | SILVER        | 0.67         | N           | U             |              | U         | 0.67         | mg/kg | 0.67   | mg/kg |
| RY371-D      | 10FC-RY371-D-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | SODIUM        | 336          | Y           | J             |              | J         | 336          | mg/kg | 92.9   | mg/kg |
| RY371-D      | 10FC-RY371-D-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | THALLIUM      | 1.7          | N           | U             |              | U         | 1.7          | mg/kg | 1.7    | mg/kg |
| RY371-D      | 10FC-RY371-D-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | BERYLLIUM     | 0.34         | Y           | J             |              | J         | 0.34         | mg/kg | 0.25   | mg/kg |
| RY371-D      | 10FC-RY371-D-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | CADMIUM       | 0.34         | Y           | J             |              | J         | 0.34         | mg/kg | 0.14   | mg/kg |
| RY371-D      | 10FC-RY371-D-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | CHROMIUM      | 0.67         | Y           |               |              |           | 0.67         | mg/kg | 4.9    | mg/kg |
| RY371-D      | 10FC-RY371-D-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | COBALT        | 3.4          | Y           |               |              |           | 3.4          | mg/kg | 3.4    | mg/kg |
| RY371-D      | 10FC-RY371-D-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | COPPER        | 1.7          | Y           |               |              |           | 1.7          | mg/kg | 7      | mg/kg |
| RY371-D      | 10FC-RY371-D-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | VANADIUM      | 3.4          | Y           |               |              |           | 3.4          | mg/kg | 8.4    | mg/kg |
| RY371-D      | 10FC-RY371-D-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | ZINC          | 4.0          | Y           |               |              |           | 4.0          | mg/kg | 42.4   | mg/kg |
| RY371-D      | 10FC-RY371-D-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | CALCIUM       | 336          | Y           |               |              |           | 336          | mg/kg | 2640   | mg/kg |
| RY371-D      | 10FC-RY371-D-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | SELENIUM      | 2.4          | N           | U             |              | U         | 2.4          | mg/kg | 2.4    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY377-B      | 10FC-RY377-B-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/3/2010     | ALUMINUM      | 12.5          | Y           |               |              |           | 12.5          | mg/kg | 4660   | mg/kg |
| RY377-B      | 10FC-RY377-B-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/3/2010     | ANTIMONY      | 3.8           | Y           | J             |              | J         | 3.8           | mg/kg | 0.58   | mg/kg |
| RY377-B      | 10FC-RY377-B-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/3/2010     | ARSENIC       | 0.63          | Y           |               |              |           | 0.63          | mg/kg | 3.2    | mg/kg |
| RY377-B      | 10FC-RY377-B-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/3/2010     | BARIUM        | 12.5          | Y           |               |              |           | 12.5          | mg/kg | 103    | mg/kg |
| RY377-B      | 10FC-RY377-B-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | IRON          | 6.3           | Y           |               |              |           | 6.3           | mg/kg | 7840   | mg/kg |
| RY377-B      | 10FC-RY377-B-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | LEAD          | 0.63          | Y           |               |              |           | 0.63          | mg/kg | 25.4   | mg/kg |
| RY377-B      | 10FC-RY377-B-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 314           | Y           |               |              |           | 314           | mg/kg | 2430   | mg/kg |
| RY377-B      | 10FC-RY377-B-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | MANGANESE     | 0.94          | Y           |               |              |           | 0.94          | mg/kg | 257    | mg/kg |
| RY377-B      | 10FC-RY377-B-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | NICKEL        | 2.5           | Y           |               |              |           | 2.5           | mg/kg | 7.2    | mg/kg |
| RY377-B      | 10FC-RY377-B-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | POTASSIUM     | 314           | Y           |               |              |           | 314           | mg/kg | 938    | mg/kg |
| RY377-B      | 10FC-RY377-B-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SILVER        | 0.63          | N           | U             |              | U         | 0.63          | mg/kg | 0.63   | mg/kg |
| RY377-B      | 10FC-RY377-B-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SODIUM        | 314           | Y           | J             |              | J         | 314           | mg/kg | 126    | mg/kg |
| RY377-B      | 10FC-RY377-B-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | THALLIUM      | 1.6           | N           | U             |              | U         | 1.6           | mg/kg | 1.6    | mg/kg |
| RY377-B      | 10FC-RY377-B-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | BERYLLIUM     | 0.31          | Y           | J             |              | J         | 0.31          | mg/kg | 0.31   | mg/kg |
| RY377-B      | 10FC-RY377-B-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CADMIUM       | 0.31          | Y           |               |              |           | 0.31          | mg/kg | 0.35   | mg/kg |
| RY377-B      | 10FC-RY377-B-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CHROMIUM      | 0.63          | Y           |               |              |           | 0.63          | mg/kg | 5.4    | mg/kg |
| RY377-B      | 10FC-RY377-B-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | COBALT        | 3.1           | Y           |               |              |           | 3.1           | mg/kg | 3.8    | mg/kg |
| RY377-B      | 10FC-RY377-B-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | COPPER        | 1.6           | Y           |               |              |           | 1.6           | mg/kg | 11.4   | mg/kg |
| RY377-B      | 10FC-RY377-B-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | VANADIUM      | 3.1           | Y           |               |              |           | 3.1           | mg/kg | 8.3    | mg/kg |
| RY377-B      | 10FC-RY377-B-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | ZINC          | 3.8           | Y           |               |              |           | 3.8           | mg/kg | 75.6   | mg/kg |
| RY377-B      | 10FC-RY377-B-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CALCIUM       | 314           | Y           |               |              |           | 314           | mg/kg | 3990   | mg/kg |
| RY377-B      | 10FC-RY377-B-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SELENIUM      | 2.2           | N           | U             |              | U         | 2.2           | mg/kg | 2.2    | mg/kg |
| RY377-C      | 10FC-RY377-C-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/3/2010     | ALUMINUM      | 12.2          | Y           |               |              |           | 12.2          | mg/kg | 4740   | mg/kg |
| RY377-C      | 10FC-RY377-C-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/3/2010     | ANTIMONY      | 3.7           | Y           | J             |              | J         | 3.7           | mg/kg | 2.1    | mg/kg |
| RY377-C      | 10FC-RY377-C-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/3/2010     | ARSENIC       | 0.61          | Y           |               |              |           | 0.61          | mg/kg | 6.8    | mg/kg |
| RY377-C      | 10FC-RY377-C-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/3/2010     | BARIUM        | 12.2          | Y           |               |              |           | 12.2          | mg/kg | 76     | mg/kg |
| RY377-C      | 10FC-RY377-C-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | IRON          | 6.1           | Y           |               |              |           | 6.1           | mg/kg | 8070   | mg/kg |
| RY377-C      | 10FC-RY377-C-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | LEAD          | 0.61          | Y           |               |              |           | 0.61          | mg/kg | 46.3   | mg/kg |
| RY377-C      | 10FC-RY377-C-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 305           | Y           |               |              |           | 305           | mg/kg | 2220   | mg/kg |
| RY377-C      | 10FC-RY377-C-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | MANGANESE     | 0.92          | Y           |               |              |           | 0.92          | mg/kg | 217    | mg/kg |
| RY377-C      | 10FC-RY377-C-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | NICKEL        | 2.4           | Y           |               |              |           | 2.4           | mg/kg | 5.4    | mg/kg |
| RY377-C      | 10FC-RY377-C-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | POTASSIUM     | 305           | Y           |               |              |           | 305           | mg/kg | 762    | mg/kg |
| RY377-C      | 10FC-RY377-C-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | SILVER        | 0.61          | N           | U             |              | U         | 0.61          | mg/kg | 0.61   | mg/kg |
| RY377-C      | 10FC-RY377-C-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | SODIUM        | 305           | Y           | J             |              | J         | 305           | mg/kg | 106    | mg/kg |
| RY377-C      | 10FC-RY377-C-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | THALLIUM      | 1.5           | N           | U             |              | U         | 1.5           | mg/kg | 1.5    | mg/kg |
| RY377-C      | 10FC-RY377-C-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | BERYLLIUM     | 0.31          | Y           | J             |              | J         | 0.31          | mg/kg | 0.28   | mg/kg |
| RY377-C      | 10FC-RY377-C-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | CADMIUM       | 0.31          | Y           |               |              |           | 0.31          | mg/kg | 0.34   | mg/kg |
| RY377-C      | 10FC-RY377-C-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | CHROMIUM      | 0.61          | Y           |               |              |           | 0.61          | mg/kg | 4.9    | mg/kg |
| RY377-C      | 10FC-RY377-C-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | COBALT        | 3.1           | Y           |               |              |           | 3.1           | mg/kg | 4.3    | mg/kg |
| RY377-C      | 10FC-RY377-C-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | COPPER        | 1.5           | Y           |               |              |           | 1.5           | mg/kg | 12.5   | mg/kg |
| RY377-C      | 10FC-RY377-C-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | VANADIUM      | 3.1           | Y           |               |              |           | 3.1           | mg/kg | 11.3   | mg/kg |
| RY377-C      | 10FC-RY377-C-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | ZINC          | 3.7           | Y           |               |              |           | 3.7           | mg/kg | 51.5   | mg/kg |
| RY377-C      | 10FC-RY377-C-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | CALCIUM       | 305           | Y           |               |              |           | 305           | mg/kg | 2230   | mg/kg |
| RY377-C      | 10FC-RY377-C-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | SELENIUM      | 2.1           | N           | U             |              | U         | 2.1           | mg/kg | 2.1    | mg/kg |
| RY377-D      | 10FC-RY377-D-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/3/2010     | ALUMINUM      | 13.0          | Y           |               |              |           | 13.0          | mg/kg | 3640   | mg/kg |
| RY377-D      | 10FC-RY377-D-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/3/2010     | ANTIMONY      | 3.9           | Y           |               |              |           | 3.9           | mg/kg | 18.5   | mg/kg |
| RY377-D      | 10FC-RY377-D-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/3/2010     | ARSENIC       | 0.65          | Y           |               |              |           | 0.65          | mg/kg | 21.6   | mg/kg |
| RY377-D      | 10FC-RY377-D-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/3/2010     | BARIUM        | 13.0          | Y           |               |              |           | 13.0          | mg/kg | 67.5   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY377-D      | 10FC-RY377-D-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | IRON          | 6.5                 | Y           |               |              |           | 6.5                 | mg/kg | 10600  | mg/kg |
| RY377-D      | 10FC-RY377-D-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | LEAD          | 0.65                | Y           |               |              |           | 0.65                | mg/kg | 153    | mg/kg |
| RY377-D      | 10FC-RY377-D-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 325                 | Y           |               |              |           | 325                 | mg/kg | 2140   | mg/kg |
| RY377-D      | 10FC-RY377-D-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | MANGANESE     | 0.97                | Y           |               |              |           | 0.97                | mg/kg | 430    | mg/kg |
| RY377-D      | 10FC-RY377-D-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | NICKEL        | 2.6                 | Y           |               |              |           | 2.6                 | mg/kg | 4.7    | mg/kg |
| RY377-D      | 10FC-RY377-D-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | POTASSIUM     | 325                 | Y           |               |              |           | 325                 | mg/kg | 726    | mg/kg |
| RY377-D      | 10FC-RY377-D-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | SILVER        | 0.65                | N           | U             |              | U         | 0.65                | mg/kg | 0.65   | mg/kg |
| RY377-D      | 10FC-RY377-D-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | SODIUM        | 325                 | Y           | J             |              | J         | 325                 | mg/kg | 122    | mg/kg |
| RY377-D      | 10FC-RY377-D-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | THALLIUM      | 1.6                 | N           | U             |              | U         | 1.6                 | mg/kg | 1.6    | mg/kg |
| RY377-D      | 10FC-RY377-D-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | BERYLLIUM     | 0.32                | Y           | J             |              | J         | 0.32                | mg/kg | 0.26   | mg/kg |
| RY377-D      | 10FC-RY377-D-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | CADMIUM       | 0.32                | Y           |               |              |           | 0.32                | mg/kg | 0.64   | mg/kg |
| RY377-D      | 10FC-RY377-D-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | CHROMIUM      | 0.65                | Y           |               |              |           | 0.65                | mg/kg | 4.1    | mg/kg |
| RY377-D      | 10FC-RY377-D-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | COBALT        | 3.2                 | Y           |               |              |           | 3.2                 | mg/kg | 3.9    | mg/kg |
| RY377-D      | 10FC-RY377-D-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | COPPER        | 1.6                 | Y           |               |              |           | 1.6                 | mg/kg | 14.2   | mg/kg |
| RY377-D      | 10FC-RY377-D-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | VANADIUM      | 3.2                 | Y           |               |              |           | 3.2                 | mg/kg | 8.6    | mg/kg |
| RY377-D      | 10FC-RY377-D-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | ZINC          | 3.9                 | Y           |               |              |           | 3.9                 | mg/kg | 169    | mg/kg |
| RY377-D      | 10FC-RY377-D-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | CALCIUM       | 325                 | Y           |               |              |           | 325                 | mg/kg | 1690   | mg/kg |
| RY377-D      | 10FC-RY377-D-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | SELENIUM      | 2.3                 | N           | U             |              | U         | 2.3                 | mg/kg | 2.3    | mg/kg |
| RY377-D      | 10FC-RY377-D-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/3/2010     | ALUMINUM      | 13.1                | Y           |               |              |           | 13.1                | mg/kg | 5060   | mg/kg |
| RY377-D      | 10FC-RY377-D-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/3/2010     | ANTIMONY      | 3.9                 | Y           |               |              |           | 3.9                 | mg/kg | 20.7   | mg/kg |
| RY377-D      | 10FC-RY377-D-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/3/2010     | ARSENIC       | 0.66                | Y           |               |              |           | 0.66                | mg/kg | 37.2   | mg/kg |
| RY377-D      | 10FC-RY377-D-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/3/2010     | BARIUM        | 13.1                | Y           |               |              |           | 13.1                | mg/kg | 83.9   | mg/kg |
| RY377-D      | 10FC-RY377-D-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | IRON          | 6.6                 | Y           |               |              |           | 6.6                 | mg/kg | 11400  | mg/kg |
| RY377-D      | 10FC-RY377-D-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | LEAD          | 0.66                | Y           |               |              |           | 0.66                | mg/kg | 201    | mg/kg |
| RY377-D      | 10FC-RY377-D-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 328                 | Y           |               |              |           | 328                 | mg/kg | 3000   | mg/kg |
| RY377-D      | 10FC-RY377-D-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | MANGANESE     | 0.98                | Y           |               |              |           | 0.98                | mg/kg | 285    | mg/kg |
| RY377-D      | 10FC-RY377-D-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | NICKEL        | 2.6                 | Y           |               |              |           | 2.6                 | mg/kg | 7      | mg/kg |
| RY377-D      | 10FC-RY377-D-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | POTASSIUM     | 328                 | Y           |               |              |           | 328                 | mg/kg | 986    | mg/kg |
| RY377-D      | 10FC-RY377-D-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | SILVER        | 0.66                | Y           | J             |              | J         | 0.66                | mg/kg | 0.54   | mg/kg |
| RY377-D      | 10FC-RY377-D-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | SODIUM        | 328                 | Y           | J             |              | J         | 328                 | mg/kg | 162    | mg/kg |
| RY377-D      | 10FC-RY377-D-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | THALLIUM      | 1.6                 | N           | U             |              | U         | 1.6                 | mg/kg | 1.6    | mg/kg |
| RY377-D      | 10FC-RY377-D-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | BERYLLIUM     | 0.33                | Y           | J             |              | J         | 0.33                | mg/kg | 0.33   | mg/kg |
| RY377-D      | 10FC-RY377-D-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | CADMIUM       | 0.33                | Y           |               |              |           | 0.33                | mg/kg | 0.87   | mg/kg |
| RY377-D      | 10FC-RY377-D-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | CHROMIUM      | 0.66                | Y           |               |              |           | 0.66                | mg/kg | 5.2    | mg/kg |
| RY377-D      | 10FC-RY377-D-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | COBALT        | 3.3                 | Y           |               |              |           | 3.3                 | mg/kg | 6.4    | mg/kg |
| RY377-D      | 10FC-RY377-D-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | COPPER        | 1.6                 | Y           |               |              |           | 1.6                 | mg/kg | 26.8   | mg/kg |
| RY377-D      | 10FC-RY377-D-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | VANADIUM      | 3.3                 | Y           |               |              |           | 3.3                 | mg/kg | 15.8   | mg/kg |
| RY377-D      | 10FC-RY377-D-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | ZINC          | 3.9                 | Y           |               |              |           | 3.9                 | mg/kg | 154    | mg/kg |
| RY377-D      | 10FC-RY377-D-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | CALCIUM       | 328                 | Y           |               |              |           | 328                 | mg/kg | 3750   | mg/kg |
| RY377-D      | 10FC-RY377-D-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | SELENIUM      | 2.3                 | N           | U             |              | U         | 2.3                 | mg/kg | 2.3    | mg/kg |
| RY377-D      | 10FC-RY377-D-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/3/2010     | ALUMINUM      | 11.7                | Y           |               |              |           | 11.7                | mg/kg | 6050   | mg/kg |
| RY377-D      | 10FC-RY377-D-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/3/2010     | ANTIMONY      | 3.5                 | Y           |               |              |           | 3.5                 | mg/kg | 26.8   | mg/kg |
| RY377-D      | 10FC-RY377-D-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/3/2010     | ARSENIC       | 0.59                | Y           |               |              |           | 0.59                | mg/kg | 42.3   | mg/kg |
| RY377-D      | 10FC-RY377-D-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/3/2010     | BARIUM        | 11.7                | Y           |               |              |           | 11.7                | mg/kg | 101    | mg/kg |
| RY377-D      | 10FC-RY377-D-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | IRON          | 5.9                 | Y           |               |              |           | 5.9                 | mg/kg | 15400  | mg/kg |
| RY377-D      | 10FC-RY377-D-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | LEAD          | 0.59                | Y           |               |              |           | 0.59                | mg/kg | 251    | mg/kg |
| RY377-D      | 10FC-RY377-D-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 293                 | Y           |               |              |           | 293                 | mg/kg | 3440   | mg/kg |
| RY377-D      | 10FC-RY377-D-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | MANGANESE     | 0.88                | Y           |               |              |           | 0.88                | mg/kg | 406    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY377-D      | 10FC-RY377-D-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | NICKEL        | 2.3           | Y           |               |              |           | 2.3           | mg/kg | 7.8    | mg/kg |
| RY377-D      | 10FC-RY377-D-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | POTASSIUM     | 293           | Y           |               |              |           | 293           | mg/kg | 1220   | mg/kg |
| RY377-D      | 10FC-RY377-D-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SILVER        | 0.59          | Y           | J             |              | J         | 0.59          | mg/kg | 0.45   | mg/kg |
| RY377-D      | 10FC-RY377-D-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SODIUM        | 293           | Y           | J             |              | J         | 293           | mg/kg | 171    | mg/kg |
| RY377-D      | 10FC-RY377-D-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | THALLIUM      | 1.5           | N           | U             |              | U         | 1.5           | mg/kg | 1.5    | mg/kg |
| RY377-D      | 10FC-RY377-D-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | BERYLLIUM     | 0.29          | Y           |               |              |           | 0.29          | mg/kg | 0.37   | mg/kg |
| RY377-D      | 10FC-RY377-D-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CADMIUM       | 0.29          | Y           |               |              |           | 0.29          | mg/kg | 1.2    | mg/kg |
| RY377-D      | 10FC-RY377-D-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CHROMIUM      | 0.59          | Y           |               |              |           | 0.59          | mg/kg | 6.7    | mg/kg |
| RY377-D      | 10FC-RY377-D-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | COBALT        | 2.9           | Y           |               |              |           | 2.9           | mg/kg | 8.4    | mg/kg |
| RY377-D      | 10FC-RY377-D-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | COPPER        | 1.5           | Y           |               |              |           | 1.5           | mg/kg | 46     | mg/kg |
| RY377-D      | 10FC-RY377-D-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | VANADIUM      | 2.9           | Y           |               |              |           | 2.9           | mg/kg | 24.2   | mg/kg |
| RY377-D      | 10FC-RY377-D-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | ZINC          | 3.5           | Y           |               |              |           | 3.5           | mg/kg | 220    | mg/kg |
| RY377-D      | 10FC-RY377-D-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CALCIUM       | 293           | Y           |               |              |           | 293           | mg/kg | 3420   | mg/kg |
| RY377-D      | 10FC-RY377-D-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SELENIUM      | 2.1           | N           | U             |              | U         | 2.1           | mg/kg | 2.1    | mg/kg |
| RY379-A      | 10FC-RY379-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/3/2010     | ALUMINUM      | 13.9          | Y           |               |              |           | 13.9          | mg/kg | 4380   | mg/kg |
| RY379-A      | 10FC-RY379-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/3/2010     | ANTIMONY      | 4.2           | Y           | J             |              | J         | 4.2           | mg/kg | 0.98   | mg/kg |
| RY379-A      | 10FC-RY379-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/3/2010     | ARSENIC       | 0.69          | Y           |               |              |           | 0.69          | mg/kg | 4.1    | mg/kg |
| RY379-A      | 10FC-RY379-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/3/2010     | BARIUM        | 13.9          | Y           |               |              |           | 13.9          | mg/kg | 92     | mg/kg |
| RY379-A      | 10FC-RY379-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | IRON          | 6.9           | Y           |               |              |           | 6.9           | mg/kg | 6860   | mg/kg |
| RY379-A      | 10FC-RY379-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | LEAD          | 0.69          | Y           |               |              |           | 0.69          | mg/kg | 61.6   | mg/kg |
| RY379-A      | 10FC-RY379-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 347           | Y           |               |              |           | 347           | mg/kg | 2060   | mg/kg |
| RY379-A      | 10FC-RY379-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | MANGANESE     | 1.0           | Y           |               |              |           | 1.0           | mg/kg | 215    | mg/kg |
| RY379-A      | 10FC-RY379-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | NICKEL        | 2.8           | Y           |               |              |           | 2.8           | mg/kg | 5      | mg/kg |
| RY379-A      | 10FC-RY379-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | POTASSIUM     | 347           | Y           |               |              |           | 347           | mg/kg | 777    | mg/kg |
| RY379-A      | 10FC-RY379-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | SILVER        | 0.69          | N           | U             |              | U         | 0.69          | mg/kg | 0.69   | mg/kg |
| RY379-A      | 10FC-RY379-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | SODIUM        | 347           | Y           | J             |              | J         | 347           | mg/kg | 107    | mg/kg |
| RY379-A      | 10FC-RY379-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | THALLIUM      | 1.7           | N           | U             |              | U         | 1.7           | mg/kg | 1.7    | mg/kg |
| RY379-A      | 10FC-RY379-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | BERYLLIUM     | 0.35          | Y           | J             |              | J         | 0.35          | mg/kg | 0.3    | mg/kg |
| RY379-A      | 10FC-RY379-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | CADMIUM       | 0.35          | Y           | J             |              | J         | 0.35          | mg/kg | 0.34   | mg/kg |
| RY379-A      | 10FC-RY379-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | CHROMIUM      | 0.69          | Y           |               |              |           | 0.69          | mg/kg | 5.8    | mg/kg |
| RY379-A      | 10FC-RY379-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | COBALT        | 3.5           | Y           |               |              |           | 3.5           | mg/kg | 3.5    | mg/kg |
| RY379-A      | 10FC-RY379-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | COPPER        | 1.7           | Y           |               |              |           | 1.7           | mg/kg | 9.4    | mg/kg |
| RY379-A      | 10FC-RY379-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | VANADIUM      | 3.5           | Y           |               |              |           | 3.5           | mg/kg | 8.2    | mg/kg |
| RY379-A      | 10FC-RY379-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | ZINC          | 4.2           | Y           |               |              |           | 4.2           | mg/kg | 86.1   | mg/kg |
| RY379-A      | 10FC-RY379-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | CALCIUM       | 347           | Y           |               |              |           | 347           | mg/kg | 1770   | mg/kg |
| RY379-A      | 10FC-RY379-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | SELENIUM      | 2.4           | N           | U             |              | U         | 2.4           | mg/kg | 2.4    | mg/kg |
| RY379-C      | 10FC-RY379-C-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/3/2010     | ALUMINUM      | 14.6          | Y           |               |              |           | 14.6          | mg/kg | 4330   | mg/kg |
| RY379-C      | 10FC-RY379-C-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/3/2010     | ANTIMONY      | 4.4           | Y           |               |              |           | 4.4           | mg/kg | 7.7    | mg/kg |
| RY379-C      | 10FC-RY379-C-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/3/2010     | ARSENIC       | 0.73          | Y           |               |              |           | 0.73          | mg/kg | 16.7   | mg/kg |
| RY379-C      | 10FC-RY379-C-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/3/2010     | BARIUM        | 14.6          | Y           |               |              |           | 14.6          | mg/kg | 121    | mg/kg |
| RY379-C      | 10FC-RY379-C-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | IRON          | 7.3           | Y           |               |              |           | 7.3           | mg/kg | 8060   | mg/kg |
| RY379-C      | 10FC-RY379-C-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | LEAD          | 0.73          | Y           |               |              |           | 0.73          | mg/kg | 153    | mg/kg |
| RY379-C      | 10FC-RY379-C-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 366           | Y           |               |              |           | 366           | mg/kg | 3330   | mg/kg |
| RY379-C      | 10FC-RY379-C-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | MANGANESE     | 1.1           | Y           |               |              |           | 1.1           | mg/kg | 279    | mg/kg |
| RY379-C      | 10FC-RY379-C-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | NICKEL        | 2.9           | Y           |               |              |           | 2.9           | mg/kg | 6.2    | mg/kg |
| RY379-C      | 10FC-RY379-C-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | POTASSIUM     | 366           | Y           |               |              |           | 366           | mg/kg | 1190   | mg/kg |
| RY379-C      | 10FC-RY379-C-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | SILVER        | 0.73          | Y           | J             |              | J         | 0.73          | mg/kg | 0.43   | mg/kg |
| RY379-C      | 10FC-RY379-C-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | SODIUM        | 366           | Y           | J             |              | J         | 366           | mg/kg | 148    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY379-C      | 10FC-RY379-C-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | THALLIUM      | 1.8           | N           | U             |              | U         | 1.8                 | mg/kg | 1.8    | mg/kg |
| RY379-C      | 10FC-RY379-C-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | BERYLLIUM     | 0.37          | Y           | J             |              | J         | 0.37                | mg/kg | 0.3    | mg/kg |
| RY379-C      | 10FC-RY379-C-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | CADMIUM       | 0.37          | Y           |               |              |           | 0.37                | mg/kg | 1.5    | mg/kg |
| RY379-C      | 10FC-RY379-C-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | CHROMIUM      | 0.73          | Y           |               |              |           | 0.73                | mg/kg | 9.3    | mg/kg |
| RY379-C      | 10FC-RY379-C-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | COBALT        | 3.7           | Y           |               |              |           | 3.7                 | mg/kg | 3.8    | mg/kg |
| RY379-C      | 10FC-RY379-C-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | COPPER        | 1.8           | Y           |               |              |           | 1.8                 | mg/kg | 15.3   | mg/kg |
| RY379-C      | 10FC-RY379-C-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | VANADIUM      | 3.7           | Y           |               |              |           | 3.7                 | mg/kg | 7.5    | mg/kg |
| RY379-C      | 10FC-RY379-C-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | ZINC          | 4.4           | Y           |               |              |           | 4.4                 | mg/kg | 176    | mg/kg |
| RY379-C      | 10FC-RY379-C-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | CALCIUM       | 366           | Y           |               |              |           | 366                 | mg/kg | 8390   | mg/kg |
| RY379-C      | 10FC-RY379-C-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | SELENIUM      | 2.6           | N           | U             |              | U         | 2.6                 | mg/kg | 2.6    | mg/kg |
| RY383-A      | 10FC-RY383-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/3/2010     | ALUMINUM      | 14.9          | Y           |               |              |           | 14.9                | mg/kg | 4160   | mg/kg |
| RY383-A      | 10FC-RY383-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/3/2010     | ANTIMONY      | 4.5           | Y           | J             |              | J         | 4.5                 | mg/kg | 0.81   | mg/kg |
| RY383-A      | 10FC-RY383-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/3/2010     | ARSENIC       | 0.75          | Y           |               |              |           | 0.75                | mg/kg | 5.8    | mg/kg |
| RY383-A      | 10FC-RY383-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/3/2010     | BARIUM        | 14.9          | Y           |               |              |           | 14.9                | mg/kg | 169    | mg/kg |
| RY383-A      | 10FC-RY383-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | IRON          | 7.5           | Y           |               |              |           | 7.5                 | mg/kg | 8860   | mg/kg |
| RY383-A      | 10FC-RY383-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | LEAD          | 0.75          | Y           |               |              |           | 0.75                | mg/kg | 129    | mg/kg |
| RY383-A      | 10FC-RY383-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 373           | Y           |               |              |           | 373                 | mg/kg | 3020   | mg/kg |
| RY383-A      | 10FC-RY383-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | MANGANESE     | 1.1           | Y           |               |              |           | 1.1                 | mg/kg | 205    | mg/kg |
| RY383-A      | 10FC-RY383-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | NICKEL        | 3.0           | Y           |               |              |           | 3.0                 | mg/kg | 7.9    | mg/kg |
| RY383-A      | 10FC-RY383-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | POTASSIUM     | 373           | Y           |               |              |           | 373                 | mg/kg | 1090   | mg/kg |
| RY383-A      | 10FC-RY383-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | SILVER        | 0.75          | N           | U             |              | U         | 0.75                | mg/kg | 0.75   | mg/kg |
| RY383-A      | 10FC-RY383-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | SODIUM        | 373           | Y           | J             |              | J         | 373                 | mg/kg | 278    | mg/kg |
| RY383-A      | 10FC-RY383-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | THALLIUM      | 1.9           | N           | U             |              | U         | 1.9                 | mg/kg | 1.9    | mg/kg |
| RY383-A      | 10FC-RY383-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | BERYLLIUM     | 0.37          | Y           | J             |              | J         | 0.37                | mg/kg | 0.32   | mg/kg |
| RY383-A      | 10FC-RY383-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | CADMIUM       | 0.37          | Y           |               |              |           | 0.37                | mg/kg | 0.4    | mg/kg |
| RY383-A      | 10FC-RY383-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | CHROMIUM      | 0.75          | Y           |               |              |           | 0.75                | mg/kg | 37.1   | mg/kg |
| RY383-A      | 10FC-RY383-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | COBALT        | 3.7           | Y           |               |              |           | 3.7                 | mg/kg | 4.3    | mg/kg |
| RY383-A      | 10FC-RY383-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | COPPER        | 1.9           | Y           |               |              |           | 1.9                 | mg/kg | 57.5   | mg/kg |
| RY383-A      | 10FC-RY383-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | VANADIUM      | 3.7           | Y           |               |              |           | 3.7                 | mg/kg | 8.3    | mg/kg |
| RY383-A      | 10FC-RY383-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | ZINC          | 4.5           | Y           |               |              |           | 4.5                 | mg/kg | 114    | mg/kg |
| RY383-A      | 10FC-RY383-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | CALCIUM       | 373           | Y           |               |              |           | 373                 | mg/kg | 6490   | mg/kg |
| RY383-A      | 10FC-RY383-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | SELENIUM      | 2.6           | N           | U             |              | U         | 2.6                 | mg/kg | 2.6    | mg/kg |
| RY385-B      | 10FC-RY385-B-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/3/2010     | ALUMINUM      | 15.2          | Y           |               |              |           | 15.2                | mg/kg | 3950   | mg/kg |
| RY385-B      | 10FC-RY385-B-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/3/2010     | ANTIMONY      | 4.6           | Y           | J             |              | J         | 4.6                 | mg/kg | 3.2    | mg/kg |
| RY385-B      | 10FC-RY385-B-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/3/2010     | ARSENIC       | 0.76          | Y           |               |              |           | 0.76                | mg/kg | 8.1    | mg/kg |
| RY385-B      | 10FC-RY385-B-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/3/2010     | BARIUM        | 15.2          | Y           |               |              |           | 15.2                | mg/kg | 78.6   | mg/kg |
| RY385-B      | 10FC-RY385-B-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | BERYLLIUM     | 0.38          | Y           | J             |              | J         | 0.38                | mg/kg | 0.27   | mg/kg |
| RY385-B      | 10FC-RY385-B-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CADMIUM       | 0.38          | Y           |               |              |           | 0.38                | mg/kg | 0.6    | mg/kg |
| RY385-B      | 10FC-RY385-B-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | IRON          | 7.6           | Y           |               |              |           | 7.6                 | mg/kg | 10200  | mg/kg |
| RY385-B      | 10FC-RY385-B-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | LEAD          | 0.76          | Y           |               |              |           | 0.76                | mg/kg | 71.4   | mg/kg |
| RY385-B      | 10FC-RY385-B-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 380           | Y           |               |              |           | 380                 | mg/kg | 4920   | mg/kg |
| RY385-B      | 10FC-RY385-B-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | MANGANESE     | 1.1           | Y           |               |              |           | 1.1                 | mg/kg | 267    | mg/kg |
| RY385-B      | 10FC-RY385-B-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | NICKEL        | 3.0           | Y           |               |              |           | 3.0                 | mg/kg | 6      | mg/kg |
| RY385-B      | 10FC-RY385-B-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | POTASSIUM     | 380           | Y           |               |              |           | 380                 | mg/kg | 1400   | mg/kg |
| RY385-B      | 10FC-RY385-B-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SILVER        | 0.76          | N           | U             |              | U         | 0.76                | mg/kg | 0.76   | mg/kg |
| RY385-B      | 10FC-RY385-B-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SODIUM        | 380           | Y           | J             |              | J         | 380                 | mg/kg | 252    | mg/kg |
| RY385-B      | 10FC-RY385-B-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | THALLIUM      | 1.9           | N           | U             |              | U         | 1.9                 | mg/kg | 1.9    | mg/kg |
| RY385-B      | 10FC-RY385-B-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CHROMIUM      | 0.76          | Y           |               |              |           | 0.76                | mg/kg | 3.4    | mg/kg |



## Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY385-B      | 10FC-RY385-B-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | COBALT        | 3.8           | Y           |               |              |           | 3.8                 | mg/kg | 4.3    | mg/kg |
| RY385-B      | 10FC-RY385-B-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | COPPER        | 1.9           | Y           |               |              |           | 1.9                 | mg/kg | 12.5   | mg/kg |
| RY385-B      | 10FC-RY385-B-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | VANADIUM      | 3.8           | Y           |               |              |           | 3.8                 | mg/kg | 5.9    | mg/kg |
| RY385-B      | 10FC-RY385-B-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | ZINC          | 4.6           | Y           |               |              |           | 4.6                 | mg/kg | 114    | mg/kg |
| RY385-B      | 10FC-RY385-B-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CALCIUM       | 3800          | Y           |               |              |           | 3800                | mg/kg | 27100  | mg/kg |
| RY385-B      | 10FC-RY385-B-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SELENIUM      | 2.7           | N           | U             |              | U         | 2.7                 | mg/kg | 2.7    | mg/kg |
| RY386-A      | 10FC-RY386-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/3/2010     | ALUMINUM      | 13.5          | Y           |               |              |           | 13.5                | mg/kg | 2710   | mg/kg |
| RY386-A      | 10FC-RY386-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/3/2010     | ANTIMONY      | 4.1           | Y           |               |              |           | 4.1                 | mg/kg | 12.4   | mg/kg |
| RY386-A      | 10FC-RY386-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/3/2010     | ARSENIC       | 0.68          | Y           |               |              |           | 0.68                | mg/kg | 31.2   | mg/kg |
| RY386-A      | 10FC-RY386-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/3/2010     | BARIIUM       | 13.5          | Y           |               |              |           | 13.5                | mg/kg | 50.3   | mg/kg |
| RY386-A      | 10FC-RY386-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | BERYLLIUM     | 0.34          | Y           | J             |              | J         | 0.34                | mg/kg | 0.23   | mg/kg |
| RY386-A      | 10FC-RY386-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | CADMIUM       | 0.34          | Y           |               |              |           | 0.34                | mg/kg | 0.79   | mg/kg |
| RY386-A      | 10FC-RY386-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | IRON          | 6.8           | Y           |               |              |           | 6.8                 | mg/kg | 10200  | mg/kg |
| RY386-A      | 10FC-RY386-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | LEAD          | 0.68          | Y           |               |              |           | 0.68                | mg/kg | 169    | mg/kg |
| RY386-A      | 10FC-RY386-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 339           | Y           |               |              |           | 339                 | mg/kg | 3390   | mg/kg |
| RY386-A      | 10FC-RY386-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | MANGANESE     | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 223    | mg/kg |
| RY386-A      | 10FC-RY386-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | NICKEL        | 2.7           | Y           |               |              |           | 2.7                 | mg/kg | 10.3   | mg/kg |
| RY386-A      | 10FC-RY386-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | POTASSIUM     | 339           | Y           |               |              |           | 339                 | mg/kg | 872    | mg/kg |
| RY386-A      | 10FC-RY386-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | SILVER        | 0.68          | Y           |               |              |           | 0.68                | mg/kg | 0.72   | mg/kg |
| RY386-A      | 10FC-RY386-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | SODIUM        | 339           | Y           |               |              |           | 339                 | mg/kg | 404    | mg/kg |
| RY386-A      | 10FC-RY386-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | THALLIUM      | 1.7           | N           | U             |              | U         | 1.7                 | mg/kg | 1.7    | mg/kg |
| RY386-A      | 10FC-RY386-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | CHROMIUM      | 0.68          | Y           |               |              |           | 0.68                | mg/kg | 5.6    | mg/kg |
| RY386-A      | 10FC-RY386-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | COBALT        | 3.4           | Y           |               |              |           | 3.4                 | mg/kg | 6.9    | mg/kg |
| RY386-A      | 10FC-RY386-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | COPPER        | 1.7           | Y           |               |              |           | 1.7                 | mg/kg | 22.2   | mg/kg |
| RY386-A      | 10FC-RY386-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | VANADIUM      | 3.4           | Y           |               |              |           | 3.4                 | mg/kg | 5.6    | mg/kg |
| RY386-A      | 10FC-RY386-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | ZINC          | 4.1           | Y           |               |              |           | 4.1                 | mg/kg | 109    | mg/kg |
| RY386-A      | 10FC-RY386-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | CALCIUM       | 3390          | Y           |               |              |           | 3390                | mg/kg | 23100  | mg/kg |
| RY386-A      | 10FC-RY386-A-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | SELENIUM      | 2.4           | N           | U             |              | U         | 2.4                 | mg/kg | 2.4    | mg/kg |
| RY386-A      | 10FC-RY386-A-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | ALUMINUM      | 13.5          | Y           |               |              |           | 13.5                | mg/kg | 3150   | mg/kg |
| RY386-A      | 10FC-RY386-A-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | ANTIMONY      | 4.1           | Y           |               |              |           | 4.1                 | mg/kg | 53.7   | mg/kg |
| RY386-A      | 10FC-RY386-A-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | ARSENIC       | 0.68          | Y           |               |              |           | 0.68                | mg/kg | 98.6   | mg/kg |
| RY386-A      | 10FC-RY386-A-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | BARIIUM       | 13.5          | Y           |               |              |           | 13.5                | mg/kg | 47.8   | mg/kg |
| RY386-A      | 10FC-RY386-A-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | BERYLLIUM     | 0.34          | Y           | J             |              | J         | 0.34                | mg/kg | 0.27   | mg/kg |
| RY386-A      | 10FC-RY386-A-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | CADMIUM       | 0.34          | Y           |               |              |           | 0.34                | mg/kg | 2.3    | mg/kg |
| RY386-A      | 10FC-RY386-A-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | IRON          | 67.5          | Y           |               |              |           | 67.5                | mg/kg | 24300  | mg/kg |
| RY386-A      | 10FC-RY386-A-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | LEAD          | 0.68          | Y           |               |              |           | 0.68                | mg/kg | 705    | mg/kg |
| RY386-A      | 10FC-RY386-A-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 338           | Y           |               |              |           | 338                 | mg/kg | 4150   | mg/kg |
| RY386-A      | 10FC-RY386-A-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | MANGANESE     | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 924    | mg/kg |
| RY386-A      | 10FC-RY386-A-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | NICKEL        | 2.7           | Y           |               |              |           | 2.7                 | mg/kg | 8.3    | mg/kg |
| RY386-A      | 10FC-RY386-A-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | POTASSIUM     | 338           | Y           |               |              |           | 338                 | mg/kg | 909    | mg/kg |
| RY386-A      | 10FC-RY386-A-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | SILVER        | 0.68          | Y           |               |              |           | 0.68                | mg/kg | 4.5    | mg/kg |
| RY386-A      | 10FC-RY386-A-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | SODIUM        | 338           | Y           |               |              |           | 338                 | mg/kg | 356    | mg/kg |
| RY386-A      | 10FC-RY386-A-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | THALLIUM      | 1.7           | N           | U             |              | U         | 1.7                 | mg/kg | 1.7    | mg/kg |
| RY386-A      | 10FC-RY386-A-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | CHROMIUM      | 0.68          | Y           |               |              |           | 0.68                | mg/kg | 3.6    | mg/kg |
| RY386-A      | 10FC-RY386-A-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | COBALT        | 3.4           | Y           |               |              |           | 3.4                 | mg/kg | 5.8    | mg/kg |
| RY386-A      | 10FC-RY386-A-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | COPPER        | 1.7           | Y           |               |              |           | 1.7                 | mg/kg | 25.6   | mg/kg |
| RY386-A      | 10FC-RY386-A-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | VANADIUM      | 3.4           | Y           |               |              |           | 3.4                 | mg/kg | 4.9    | mg/kg |
| RY386-A      | 10FC-RY386-A-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | ZINC          | 4.1           | Y           |               |              |           | 4.1                 | mg/kg | 365    | mg/kg |

## Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report       | detect flag | interp. quals | valid. quals | lab quals | report       | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|--------------|-------------|---------------|--------------|-----------|--------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | result limit |             |               |              |           | detect limit |       |        |       |
| RY386-A      | 10FC-RY386-A-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | CALCIUM       | 3380         | Y           |               |              |           | 3380         | mg/kg | 30300  | mg/kg |
| RY386-A      | 10FC-RY386-A-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | SELENIUM      | 2.4          | N           | U             |              | U         | 2.4          | mg/kg | 2.4    | mg/kg |
| RY386-A      | 10FC-RY386-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | ALUMINUM      | 14.0         | Y           |               |              |           | 14.0         | mg/kg | 4180   | mg/kg |
| RY386-A      | 10FC-RY386-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | ANTIMONY      | 4.2          | Y           |               |              |           | 4.2          | mg/kg | 41.4   | mg/kg |
| RY386-A      | 10FC-RY386-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | ARSENIC       | 0.70         | Y           |               |              |           | 0.70         | mg/kg | 111    | mg/kg |
| RY386-A      | 10FC-RY386-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | BARIUM        | 14.0         | Y           |               |              |           | 14.0         | mg/kg | 69.5   | mg/kg |
| RY386-A      | 10FC-RY386-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | BERYLLIUM     | 0.35         | Y           | J             |              | J         | 0.35         | mg/kg | 0.31   | mg/kg |
| RY386-A      | 10FC-RY386-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CADMIUM       | 0.35         | Y           |               |              |           | 0.35         | mg/kg | 2.6    | mg/kg |
| RY407-A      | 10FC-RY407-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | IRON          | 10.1         | Y           | J             | J            |           | 10.1         | mg/kg | 12900  | mg/kg |
| RY407-A      | 10FC-RY407-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | LEAD          | 1.0          | Y           |               |              |           | 1.0          | mg/kg | 215    | mg/kg |
| RY407-A      | 10FC-RY407-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 503          | Y           |               |              |           | 503          | mg/kg | 4430   | mg/kg |
| RY407-A      | 10FC-RY407-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | MANGANESE     | 1.5          | Y           | J             | J            |           | 1.5          | mg/kg | 304    | mg/kg |
| RY407-A      | 10FC-RY407-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | NICKEL        | 4.0          | Y           |               |              |           | 4.0          | mg/kg | 11.2   | mg/kg |
| RY407-A      | 10FC-RY407-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | POTASSIUM     | 503          | Y           |               |              |           | 503          | mg/kg | 810    | mg/kg |
| RY407-A      | 10FC-RY407-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SILVER        | 1.0          | Y           | J             |              | J         | 1.0          | mg/kg | 0.73   | mg/kg |
| RY407-A      | 10FC-RY407-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SODIUM        | 503          | Y           | J             |              | J         | 503          | mg/kg | 325    | mg/kg |
| RY407-A      | 10FC-RY407-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | THALLIUM      | 2.5          | N           | U             |              | U         | 2.5          | mg/kg | 2.5    | mg/kg |
| RY407-A      | 10FC-RY407-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CHROMIUM      | 1.0          | Y           |               |              |           | 1.0          | mg/kg | 3.8    | mg/kg |
| RY407-A      | 10FC-RY407-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | COBALT        | 5.0          | Y           |               |              |           | 5.0          | mg/kg | 6.6    | mg/kg |
| RY407-A      | 10FC-RY407-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | COPPER        | 2.5          | Y           |               |              |           | 2.5          | mg/kg | 21.5   | mg/kg |
| RY407-A      | 10FC-RY407-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | VANADIUM      | 5.0          | Y           | J             | J            | J         | 5.0          | mg/kg | 5      | mg/kg |
| RY407-A      | 10FC-RY407-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | ZINC          | 6.0          | Y           | J             | J            |           | 6.0          | mg/kg | 228    | mg/kg |
| RY407-A      | 10FC-RY407-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CALCIUM       | 5030         | Y           | J             | J            |           | 5030         | mg/kg | 37500  | mg/kg |
| RY407-A      | 10FC-RY407-A-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SELENIUM      | 3.5          | N           | U             |              | U         | 3.5          | mg/kg | 3.5    | mg/kg |
| RY407-C      | 10FC-RY407-C-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/3/2010     | ALUMINUM      | 20.6         | Y           |               |              |           | 20.6         | mg/kg | 4040   | mg/kg |
| RY407-C      | 10FC-RY407-C-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/3/2010     | ANTIMONY      | 6.2          | Y           | J             | J            | J         | 6.2          | mg/kg | 1.6    | mg/kg |
| RY407-C      | 10FC-RY407-C-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/3/2010     | ARSENIC       | 1.0          | Y           |               |              |           | 1.0          | mg/kg | 17.3   | mg/kg |
| RY407-C      | 10FC-RY407-C-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/3/2010     | BARIUM        | 20.6         | Y           |               |              |           | 20.6         | mg/kg | 99.2   | mg/kg |
| RY407-C      | 10FC-RY407-C-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | BERYLLIUM     | 0.51         | Y           | J             |              | J         | 0.51         | mg/kg | 0.34   | mg/kg |
| RY407-C      | 10FC-RY407-C-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CADMIUM       | 0.51         | Y           |               |              |           | 0.51         | mg/kg | 1.3    | mg/kg |
| RY407-C      | 10FC-RY407-C-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | IRON          | 10.3         | Y           | J             | J            |           | 10.3         | mg/kg | 14600  | mg/kg |
| RY407-C      | 10FC-RY407-C-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | LEAD          | 1.0          | Y           |               |              |           | 1.0          | mg/kg | 138    | mg/kg |
| RY407-C      | 10FC-RY407-C-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 515          | Y           |               |              |           | 515          | mg/kg | 7300   | mg/kg |
| RY407-C      | 10FC-RY407-C-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | MANGANESE     | 1.5          | Y           | J             | J            |           | 1.5          | mg/kg | 281    | mg/kg |
| RY407-C      | 10FC-RY407-C-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | NICKEL        | 4.1          | Y           |               |              |           | 4.1          | mg/kg | 18.4   | mg/kg |
| RY407-C      | 10FC-RY407-C-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | POTASSIUM     | 515          | Y           |               |              |           | 515          | mg/kg | 865    | mg/kg |
| RY407-C      | 10FC-RY407-C-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SILVER        | 1.0          | N           | U             |              | U         | 1.0          | mg/kg | 1      | mg/kg |
| RY407-C      | 10FC-RY407-C-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SODIUM        | 515          | Y           | J             |              | J         | 515          | mg/kg | 298    | mg/kg |
| RY407-C      | 10FC-RY407-C-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | THALLIUM      | 2.6          | N           | U             |              | U         | 2.6          | mg/kg | 2.6    | mg/kg |
| RY407-C      | 10FC-RY407-C-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CHROMIUM      | 1.0          | Y           |               |              |           | 1.0          | mg/kg | 11.3   | mg/kg |
| RY407-C      | 10FC-RY407-C-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | COBALT        | 5.1          | Y           |               |              |           | 5.1          | mg/kg | 10.2   | mg/kg |
| RY407-C      | 10FC-RY407-C-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | COPPER        | 2.6          | Y           |               |              |           | 2.6          | mg/kg | 37.5   | mg/kg |
| RY407-C      | 10FC-RY407-C-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | VANADIUM      | 5.1          | Y           | J             | J            |           | 5.1          | mg/kg | 5.9    | mg/kg |
| RY407-C      | 10FC-RY407-C-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | ZINC          | 6.2          | Y           | J             | J            |           | 6.2          | mg/kg | 241    | mg/kg |
| RY407-C      | 10FC-RY407-C-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CALCIUM       | 5150         | Y           | J             | J            |           | 5150         | mg/kg | 45000  | mg/kg |
| RY407-C      | 10FC-RY407-C-006012 | 7/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SELENIUM      | 3.6          | N           | U             |              | U         | 3.6          | mg/kg | 3.6    | mg/kg |
| RY483-A      | 10FC-RY483-A-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/3/2010     | ALUMINUM      | 20.7         | Y           |               |              |           | 20.7         | mg/kg | 14000  | mg/kg |
| RY483-A      | 10FC-RY483-A-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/3/2010     | ANTIMONY      | 6.2          | Y           | J             | J            | J         | 6.2          | mg/kg | 2      | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code       | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-----------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY483-A      | 10FC-RY483-A-006012   | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/3/2010     | ARSENIC       | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 4.1    | mg/kg |
| RY483-A      | 10FC-RY483-A-006012   | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/3/2010     | BARIUM        | 20.7                | Y           |               |              |           | 20.7                | mg/kg | 245    | mg/kg |
| RY483-A      | 10FC-RY483-A-006012   | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | IRON          | 10.4                | Y           | J             | J            |           | 10.4                | mg/kg | 13000  | mg/kg |
| RY483-A      | 10FC-RY483-A-006012   | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | LEAD          | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 234    | mg/kg |
| RY483-A      | 10FC-RY483-A-006012   | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 518                 | Y           |               |              |           | 518                 | mg/kg | 3050   | mg/kg |
| RY483-A      | 10FC-RY483-A-006012   | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | MANGANESE     | 1.6                 | Y           | J             | J            |           | 1.6                 | mg/kg | 415    | mg/kg |
| RY483-A      | 10FC-RY483-A-006012   | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | NICKEL        | 4.1                 | Y           |               |              |           | 4.1                 | mg/kg | 7.7    | mg/kg |
| RY483-A      | 10FC-RY483-A-006012   | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | POTASSIUM     | 518                 | Y           |               |              |           | 518                 | mg/kg | 1000   | mg/kg |
| RY483-A      | 10FC-RY483-A-006012   | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SILVER        | 1.0                 | N           | U             |              | U         | 1.0                 | mg/kg | 1      | mg/kg |
| RY483-A      | 10FC-RY483-A-006012   | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SODIUM        | 518                 | Y           | J             |              | J         | 518                 | mg/kg | 417    | mg/kg |
| RY483-A      | 10FC-RY483-A-006012   | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | THALLIUM      | 2.6                 | N           | U             |              | U         | 2.6                 | mg/kg | 2.6    | mg/kg |
| RY483-A      | 10FC-RY483-A-006012   | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | BERYLLIUM     | 0.52                | Y           |               |              |           | 0.52                | mg/kg | 0.6    | mg/kg |
| RY483-A      | 10FC-RY483-A-006012   | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CADMIUM       | 0.52                | Y           | J             |              | J         | 0.52                | mg/kg | 0.37   | mg/kg |
| RY483-A      | 10FC-RY483-A-006012   | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CHROMIUM      | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 7.5    | mg/kg |
| RY483-A      | 10FC-RY483-A-006012   | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | COBALT        | 5.2                 | Y           |               |              |           | 5.2                 | mg/kg | 5.9    | mg/kg |
| RY483-A      | 10FC-RY483-A-006012   | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | COPPER        | 2.6                 | Y           |               |              |           | 2.6                 | mg/kg | 11.1   | mg/kg |
| RY483-A      | 10FC-RY483-A-006012   | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | VANADIUM      | 5.2                 | Y           | J             | J            |           | 5.2                 | mg/kg | 17.7   | mg/kg |
| RY483-A      | 10FC-RY483-A-006012   | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | ZINC          | 6.2                 | Y           | J             | J            |           | 6.2                 | mg/kg | 208    | mg/kg |
| RY483-A      | 10FC-RY483-A-006012   | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CALCIUM       | 518                 | Y           | J             | J            |           | 518                 | mg/kg | 3470   | mg/kg |
| RY483-A      | 10FC-RY483-A-006012   | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SELENIUM      | 3.6                 | N           | U             |              | U         | 3.6                 | mg/kg | 3.6    | mg/kg |
| RY483-A      | 10FC-RY483-A-006012-D | 7/22/2010   | FD          | 6           | 12        | in         | C200.7          | 10/3/2010     | ALUMINUM      | 21.5                | Y           |               |              |           | 21.5                | mg/kg | 11200  | mg/kg |
| RY483-A      | 10FC-RY483-A-006012-D | 7/22/2010   | FD          | 6           | 12        | in         | C200.7          | 10/3/2010     | ANTIMONY      | 6.4                 | Y           | J             | J            | J         | 6.4                 | mg/kg | 1.6    | mg/kg |
| RY483-A      | 10FC-RY483-A-006012-D | 7/22/2010   | FD          | 6           | 12        | in         | C200.7          | 10/3/2010     | ARSENIC       | 1.1                 | Y           |               |              |           | 1.1                 | mg/kg | 4.5    | mg/kg |
| RY483-A      | 10FC-RY483-A-006012-D | 7/22/2010   | FD          | 6           | 12        | in         | C200.7          | 10/3/2010     | BARIUM        | 21.5                | Y           |               |              |           | 21.5                | mg/kg | 193    | mg/kg |
| RY483-A      | 10FC-RY483-A-006012-D | 7/22/2010   | FD          | 6           | 12        | in         | C200.7          | 10/4/2010     | IRON          | 10.7                | Y           | J             | J            |           | 10.7                | mg/kg | 11200  | mg/kg |
| RY483-A      | 10FC-RY483-A-006012-D | 7/22/2010   | FD          | 6           | 12        | in         | C200.7          | 10/4/2010     | LEAD          | 1.1                 | Y           |               |              |           | 1.1                 | mg/kg | 186    | mg/kg |
| RY483-A      | 10FC-RY483-A-006012-D | 7/22/2010   | FD          | 6           | 12        | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 537                 | Y           |               |              |           | 537                 | mg/kg | 2640   | mg/kg |
| RY483-A      | 10FC-RY483-A-006012-D | 7/22/2010   | FD          | 6           | 12        | in         | C200.7          | 10/4/2010     | MANGANESE     | 1.6                 | Y           | J             | J            |           | 1.6                 | mg/kg | 350    | mg/kg |
| RY483-A      | 10FC-RY483-A-006012-D | 7/22/2010   | FD          | 6           | 12        | in         | C200.7          | 10/4/2010     | NICKEL        | 4.3                 | Y           |               |              |           | 4.3                 | mg/kg | 7.2    | mg/kg |
| RY483-A      | 10FC-RY483-A-006012-D | 7/22/2010   | FD          | 6           | 12        | in         | C200.7          | 10/4/2010     | POTASSIUM     | 537                 | Y           |               |              |           | 537                 | mg/kg | 868    | mg/kg |
| RY483-A      | 10FC-RY483-A-006012-D | 7/22/2010   | FD          | 6           | 12        | in         | C200.7          | 10/4/2010     | SILVER        | 1.1                 | N           | U             |              | U         | 1.1                 | mg/kg | 1.1    | mg/kg |
| RY483-A      | 10FC-RY483-A-006012-D | 7/22/2010   | FD          | 6           | 12        | in         | C200.7          | 10/4/2010     | SODIUM        | 537                 | Y           | J             |              | J         | 537                 | mg/kg | 391    | mg/kg |
| RY483-A      | 10FC-RY483-A-006012-D | 7/22/2010   | FD          | 6           | 12        | in         | C200.7          | 10/4/2010     | THALLIUM      | 2.7                 | N           | U             |              | U         | 2.7                 | mg/kg | 2.7    | mg/kg |
| RY483-A      | 10FC-RY483-A-006012-D | 7/22/2010   | FD          | 6           | 12        | in         | C200.7          | 10/4/2010     | BERYLLIUM     | 0.54                | Y           | J             |              | J         | 0.54                | mg/kg | 0.46   | mg/kg |
| RY483-A      | 10FC-RY483-A-006012-D | 7/22/2010   | FD          | 6           | 12        | in         | C200.7          | 10/4/2010     | CADMIUM       | 0.54                | Y           | J             |              | J         | 0.54                | mg/kg | 0.32   | mg/kg |
| RY483-A      | 10FC-RY483-A-006012-D | 7/22/2010   | FD          | 6           | 12        | in         | C200.7          | 10/4/2010     | CHROMIUM      | 1.1                 | Y           |               |              |           | 1.1                 | mg/kg | 6.4    | mg/kg |
| RY483-A      | 10FC-RY483-A-006012-D | 7/22/2010   | FD          | 6           | 12        | in         | C200.7          | 10/4/2010     | COBALT        | 5.4                 | Y           | J             |              | J         | 5.4                 | mg/kg | 5.2    | mg/kg |
| RY483-A      | 10FC-RY483-A-006012-D | 7/22/2010   | FD          | 6           | 12        | in         | C200.7          | 10/4/2010     | COPPER        | 2.7                 | Y           |               |              |           | 2.7                 | mg/kg | 10     | mg/kg |
| RY483-A      | 10FC-RY483-A-006012-D | 7/22/2010   | FD          | 6           | 12        | in         | C200.7          | 10/4/2010     | VANADIUM      | 5.4                 | Y           | J             | J            |           | 5.4                 | mg/kg | 14.1   | mg/kg |
| RY483-A      | 10FC-RY483-A-006012-D | 7/22/2010   | FD          | 6           | 12        | in         | C200.7          | 10/4/2010     | ZINC          | 6.4                 | Y           | J             | J            |           | 6.4                 | mg/kg | 183    | mg/kg |
| RY483-A      | 10FC-RY483-A-006012-D | 7/22/2010   | FD          | 6           | 12        | in         | C200.7          | 10/4/2010     | CALCIUM       | 537                 | Y           | J             | J            |           | 537                 | mg/kg | 3800   | mg/kg |
| RY483-A      | 10FC-RY483-A-006012-D | 7/22/2010   | FD          | 6           | 12        | in         | C200.7          | 10/4/2010     | SELENIUM      | 3.8                 | N           | U             |              | U         | 3.8                 | mg/kg | 3.8    | mg/kg |
| RY483-B      | 10FC-RY483-B-000002   | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/3/2010     | ALUMINUM      | 22.7                | Y           |               |              |           | 22.7                | mg/kg | 12800  | mg/kg |
| RY483-B      | 10FC-RY483-B-000002   | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/3/2010     | ANTIMONY      | 6.8                 | Y           | J             | J            | J         | 6.8                 | mg/kg | 3.5    | mg/kg |
| RY483-B      | 10FC-RY483-B-000002   | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/3/2010     | ARSENIC       | 1.1                 | Y           |               |              |           | 1.1                 | mg/kg | 10.4   | mg/kg |
| RY483-B      | 10FC-RY483-B-000002   | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/3/2010     | BARIUM        | 22.7                | Y           |               |              |           | 22.7                | mg/kg | 380    | mg/kg |
| RY483-B      | 10FC-RY483-B-000002   | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | IRON          | 11.3                | Y           | J             | J            |           | 11.3                | mg/kg | 14800  | mg/kg |
| RY483-B      | 10FC-RY483-B-000002   | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | LEAD          | 1.1                 | Y           |               |              |           | 1.1                 | mg/kg | 502    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY483-B      | 10FC-RY483-B-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 566           | Y           |               |              |           | 566           | mg/kg | 3810   | mg/kg |
| RY483-B      | 10FC-RY483-B-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | MANGANESE     | 1.7           | Y           | J             | J            |           | 1.7           | mg/kg | 357    | mg/kg |
| RY483-B      | 10FC-RY483-B-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | NICKEL        | 4.5           | Y           |               |              |           | 4.5           | mg/kg | 11.6   | mg/kg |
| RY483-B      | 10FC-RY483-B-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | POTASSIUM     | 566           | Y           |               |              |           | 566           | mg/kg | 1610   | mg/kg |
| RY483-B      | 10FC-RY483-B-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | SILVER        | 1.1           | N           | U             |              | U         | 1.1           | mg/kg | 1.1    | mg/kg |
| RY483-B      | 10FC-RY483-B-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | SODIUM        | 566           | Y           | J             |              | J         | 566           | mg/kg | 259    | mg/kg |
| RY483-B      | 10FC-RY483-B-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | THALLIUM      | 2.8           | N           | U             |              | U         | 2.8           | mg/kg | 2.8    | mg/kg |
| RY483-B      | 10FC-RY483-B-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | BERYLLIUM     | 0.57          | Y           |               |              |           | 0.57          | mg/kg | 0.75   | mg/kg |
| RY483-B      | 10FC-RY483-B-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | CADMIUM       | 0.57          | Y           |               |              |           | 0.57          | mg/kg | 0.77   | mg/kg |
| RY483-B      | 10FC-RY483-B-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | CHROMIUM      | 1.1           | Y           |               |              |           | 1.1           | mg/kg | 9.4    | mg/kg |
| RY483-B      | 10FC-RY483-B-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | COBALT        | 5.7           | Y           |               |              |           | 5.7           | mg/kg | 7      | mg/kg |
| RY483-B      | 10FC-RY483-B-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | COPPER        | 2.8           | Y           |               |              |           | 2.8           | mg/kg | 28.2   | mg/kg |
| RY483-B      | 10FC-RY483-B-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | VANADIUM      | 5.7           | Y           | J             | J            |           | 5.7           | mg/kg | 14.9   | mg/kg |
| RY483-B      | 10FC-RY483-B-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | ZINC          | 6.8           | Y           | J             | J            |           | 6.8           | mg/kg | 228    | mg/kg |
| RY483-B      | 10FC-RY483-B-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | CALCIUM       | 566           | Y           | J             | J            |           | 566           | mg/kg | 6870   | mg/kg |
| RY483-B      | 10FC-RY483-B-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | SELENIUM      | 4.0           | N           | U             |              | U         | 4.0           | mg/kg | 4      | mg/kg |
| RY483-B      | 10FC-RY483-B-002006 | 7/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/3/2010     | ALUMINUM      | 23.6          | Y           |               |              |           | 23.6          | mg/kg | 20300  | mg/kg |
| RY483-B      | 10FC-RY483-B-002006 | 7/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/3/2010     | ANTIMONY      | 7.1           | Y           | J             | J            | J         | 7.1           | mg/kg | 3.7    | mg/kg |
| RY483-B      | 10FC-RY483-B-002006 | 7/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/3/2010     | ARSENIC       | 1.2           | Y           |               |              |           | 1.2           | mg/kg | 10.5   | mg/kg |
| RY483-B      | 10FC-RY483-B-002006 | 7/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/3/2010     | BARIUM        | 23.6          | Y           |               |              |           | 23.6          | mg/kg | 393    | mg/kg |
| RY483-B      | 10FC-RY483-B-002006 | 7/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | IRON          | 11.8          | Y           | J             | J            |           | 11.8          | mg/kg | 14100  | mg/kg |
| RY483-B      | 10FC-RY483-B-002006 | 7/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | LEAD          | 1.2           | Y           |               |              |           | 1.2           | mg/kg | 282    | mg/kg |
| RY483-B      | 10FC-RY483-B-002006 | 7/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 591           | Y           |               |              |           | 591           | mg/kg | 3660   | mg/kg |
| RY483-B      | 10FC-RY483-B-002006 | 7/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | MANGANESE     | 1.8           | Y           | J             | J            |           | 1.8           | mg/kg | 376    | mg/kg |
| RY483-B      | 10FC-RY483-B-002006 | 7/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | NICKEL        | 4.7           | Y           |               |              |           | 4.7           | mg/kg | 11.1   | mg/kg |
| RY483-B      | 10FC-RY483-B-002006 | 7/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | POTASSIUM     | 591           | Y           |               |              |           | 591           | mg/kg | 1550   | mg/kg |
| RY483-B      | 10FC-RY483-B-002006 | 7/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | SILVER        | 1.2           | N           | U             |              | U         | 1.2           | mg/kg | 1.2    | mg/kg |
| RY483-B      | 10FC-RY483-B-002006 | 7/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | SODIUM        | 591           | Y           | J             |              | J         | 591           | mg/kg | 272    | mg/kg |
| RY483-B      | 10FC-RY483-B-002006 | 7/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | THALLIUM      | 3.0           | N           | U             |              | U         | 3.0           | mg/kg | 3      | mg/kg |
| RY483-B      | 10FC-RY483-B-002006 | 7/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | BERYLLIUM     | 0.59          | Y           |               |              |           | 0.59          | mg/kg | 0.71   | mg/kg |
| RY483-B      | 10FC-RY483-B-002006 | 7/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | CADMIUM       | 0.59          | Y           |               |              |           | 0.59          | mg/kg | 0.85   | mg/kg |
| RY483-B      | 10FC-RY483-B-002006 | 7/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | CHROMIUM      | 1.2           | Y           |               |              |           | 1.2           | mg/kg | 9.5    | mg/kg |
| RY483-B      | 10FC-RY483-B-002006 | 7/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | COBALT        | 5.9           | Y           | J             |              | J         | 5.9           | mg/kg | 5.8    | mg/kg |
| RY483-B      | 10FC-RY483-B-002006 | 7/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | COPPER        | 3.0           | Y           |               |              |           | 3.0           | mg/kg | 773    | mg/kg |
| RY483-B      | 10FC-RY483-B-002006 | 7/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | VANADIUM      | 5.9           | Y           | J             | J            |           | 5.9           | mg/kg | 14.9   | mg/kg |
| RY483-B      | 10FC-RY483-B-002006 | 7/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | ZINC          | 7.1           | Y           | J             | J            |           | 7.1           | mg/kg | 298    | mg/kg |
| RY483-B      | 10FC-RY483-B-002006 | 7/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | CALCIUM       | 591           | Y           | J             | J            |           | 591           | mg/kg | 8260   | mg/kg |
| RY483-B      | 10FC-RY483-B-002006 | 7/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | SELENIUM      | 4.1           | N           | U             |              | U         | 4.1           | mg/kg | 4.1    | mg/kg |
| RY483-B      | 10FC-RY483-B-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/3/2010     | ALUMINUM      | 22.8          | Y           |               |              |           | 22.8          | mg/kg | 12400  | mg/kg |
| RY483-B      | 10FC-RY483-B-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/3/2010     | ANTIMONY      | 6.8           | Y           | J             | J            | J         | 6.8           | mg/kg | 3.4    | mg/kg |
| RY483-B      | 10FC-RY483-B-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/3/2010     | ARSENIC       | 1.1           | Y           |               |              |           | 1.1           | mg/kg | 9.6    | mg/kg |
| RY483-B      | 10FC-RY483-B-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/3/2010     | BARIUM        | 22.8          | Y           |               |              |           | 22.8          | mg/kg | 415    | mg/kg |
| RY483-B      | 10FC-RY483-B-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | IRON          | 11.4          | Y           | J             | J            |           | 11.4          | mg/kg | 14100  | mg/kg |
| RY483-B      | 10FC-RY483-B-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | LEAD          | 1.1           | Y           |               |              |           | 1.1           | mg/kg | 370    | mg/kg |
| RY483-B      | 10FC-RY483-B-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 570           | Y           |               |              |           | 570           | mg/kg | 4040   | mg/kg |
| RY483-B      | 10FC-RY483-B-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | MANGANESE     | 1.7           | Y           | J             | J            |           | 1.7           | mg/kg | 348    | mg/kg |
| RY483-B      | 10FC-RY483-B-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | NICKEL        | 4.6           | Y           |               |              |           | 4.6           | mg/kg | 9.6    | mg/kg |
| RY483-B      | 10FC-RY483-B-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | POTASSIUM     | 570           | Y           |               |              |           | 570           | mg/kg | 1490   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY483-B      | 10FC-RY483-B-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SILVER        | 1.1           | N           | U             |              | U         | 1.1           | mg/kg | 1.1    | mg/kg |
| RY483-B      | 10FC-RY483-B-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SODIUM        | 570           | Y           | J             |              | J         | 570           | mg/kg | 261    | mg/kg |
| RY483-B      | 10FC-RY483-B-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | THALLIUM      | 2.9           | N           | U             |              | U         | 2.9           | mg/kg | 2.9    | mg/kg |
| RY483-B      | 10FC-RY483-B-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | BERYLLIUM     | 0.57          | Y           |               |              |           | 0.57          | mg/kg | 0.69   | mg/kg |
| RY483-B      | 10FC-RY483-B-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CADMIUM       | 0.57          | Y           |               |              |           | 0.57          | mg/kg | 0.82   | mg/kg |
| RY483-B      | 10FC-RY483-B-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CHROMIUM      | 1.1           | Y           |               |              |           | 1.1           | mg/kg | 9      | mg/kg |
| RY483-B      | 10FC-RY483-B-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | COBALT        | 5.7           | Y           | J             |              | J         | 5.7           | mg/kg | 5.4    | mg/kg |
| RY483-B      | 10FC-RY483-B-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | COPPER        | 2.9           | Y           |               |              |           | 2.9           | mg/kg | 47     | mg/kg |
| RY483-B      | 10FC-RY483-B-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | VANADIUM      | 5.7           | Y           | J             | J            |           | 5.7           | mg/kg | 14.2   | mg/kg |
| RY483-B      | 10FC-RY483-B-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | ZINC          | 6.8           | Y           | J             | J            |           | 6.8           | mg/kg | 358    | mg/kg |
| RY483-B      | 10FC-RY483-B-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CALCIUM       | 570           | Y           | J             | J            |           | 570           | mg/kg | 7630   | mg/kg |
| RY483-B      | 10FC-RY483-B-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SELENIUM      | 4.0           | N           | U             |              | U         | 4.0           | mg/kg | 4      | mg/kg |
| RY483-C      | 10FC-RY483-C-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/3/2010     | ALUMINUM      | 23.3          | Y           |               |              |           | 23.3          | mg/kg | 12900  | mg/kg |
| RY483-C      | 10FC-RY483-C-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/3/2010     | ANTIMONY      | 7.0           | Y           | J             | J            | J         | 7.0           | mg/kg | 2      | mg/kg |
| RY483-C      | 10FC-RY483-C-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/3/2010     | ARSENIC       | 1.2           | Y           |               |              |           | 1.2           | mg/kg | 4.6    | mg/kg |
| RY483-C      | 10FC-RY483-C-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/3/2010     | BARIUM        | 23.3          | Y           |               |              |           | 23.3          | mg/kg | 244    | mg/kg |
| RY483-C      | 10FC-RY483-C-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | IRON          | 11.7          | Y           | J             | J            |           | 11.7          | mg/kg | 13300  | mg/kg |
| RY483-C      | 10FC-RY483-C-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | LEAD          | 1.2           | Y           |               |              |           | 1.2           | mg/kg | 143    | mg/kg |
| RY483-C      | 10FC-RY483-C-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 584           | Y           |               |              |           | 584           | mg/kg | 2980   | mg/kg |
| RY483-C      | 10FC-RY483-C-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | MANGANESE     | 1.8           | Y           | J             | J            |           | 1.8           | mg/kg | 413    | mg/kg |
| RY483-C      | 10FC-RY483-C-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | NICKEL        | 4.7           | Y           |               |              |           | 4.7           | mg/kg | 8.1    | mg/kg |
| RY483-C      | 10FC-RY483-C-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | POTASSIUM     | 584           | Y           |               |              |           | 584           | mg/kg | 1300   | mg/kg |
| RY483-C      | 10FC-RY483-C-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | SILVER        | 1.2           | N           | U             |              | U         | 1.2           | mg/kg | 1.2    | mg/kg |
| RY483-C      | 10FC-RY483-C-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | SODIUM        | 584           | Y           | J             |              | J         | 584           | mg/kg | 225    | mg/kg |
| RY483-C      | 10FC-RY483-C-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | THALLIUM      | 2.9           | N           | U             |              | U         | 2.9           | mg/kg | 2.9    | mg/kg |
| RY483-C      | 10FC-RY483-C-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | BERYLLIUM     | 0.58          | Y           |               |              |           | 0.58          | mg/kg | 0.6    | mg/kg |
| RY483-C      | 10FC-RY483-C-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | CADMIUM       | 0.58          | Y           | J             |              | J         | 0.58          | mg/kg | 0.41   | mg/kg |
| RY483-C      | 10FC-RY483-C-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | CHROMIUM      | 1.2           | Y           |               |              |           | 1.2           | mg/kg | 8.3    | mg/kg |
| RY483-C      | 10FC-RY483-C-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | COBALT        | 5.8           | Y           |               |              |           | 5.8           | mg/kg | 5.9    | mg/kg |
| RY483-C      | 10FC-RY483-C-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | COPPER        | 2.9           | Y           |               |              |           | 2.9           | mg/kg | 17.5   | mg/kg |
| RY483-C      | 10FC-RY483-C-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | VANADIUM      | 5.8           | Y           | J             | J            |           | 5.8           | mg/kg | 17.3   | mg/kg |
| RY483-C      | 10FC-RY483-C-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | ZINC          | 7.0           | Y           | J             | J            |           | 7.0           | mg/kg | 158    | mg/kg |
| RY483-C      | 10FC-RY483-C-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | CALCIUM       | 584           | Y           | J             | J            |           | 584           | mg/kg | 3360   | mg/kg |
| RY483-C      | 10FC-RY483-C-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | SELENIUM      | 4.1           | N           | U             |              | U         | 4.1           | mg/kg | 4.1    | mg/kg |
| RY483-D      | 10FC-RY483-D-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/3/2010     | ALUMINUM      | 21.8          | Y           |               |              |           | 21.8          | mg/kg | 10900  | mg/kg |
| RY483-D      | 10FC-RY483-D-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/3/2010     | ANTIMONY      | 6.6           | Y           | J             | J            | J         | 6.6           | mg/kg | 1.3    | mg/kg |
| RY483-D      | 10FC-RY483-D-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/3/2010     | ARSENIC       | 1.1           | Y           |               |              |           | 1.1           | mg/kg | 5      | mg/kg |
| RY483-D      | 10FC-RY483-D-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/3/2010     | BARIUM        | 21.8          | Y           |               |              |           | 21.8          | mg/kg | 236    | mg/kg |
| RY483-D      | 10FC-RY483-D-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | IRON          | 10.9          | Y           | J             | J            |           | 10.9          | mg/kg | 12500  | mg/kg |
| RY483-D      | 10FC-RY483-D-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | LEAD          | 1.1           | Y           |               |              |           | 1.1           | mg/kg | 577    | mg/kg |
| RY483-D      | 10FC-RY483-D-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 546           | Y           |               |              |           | 546           | mg/kg | 3190   | mg/kg |
| RY483-D      | 10FC-RY483-D-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | MANGANESE     | 1.6           | Y           | J             | J            |           | 1.6           | mg/kg | 412    | mg/kg |
| RY483-D      | 10FC-RY483-D-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | NICKEL        | 4.4           | Y           |               |              |           | 4.4           | mg/kg | 7.7    | mg/kg |
| RY483-D      | 10FC-RY483-D-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | POTASSIUM     | 546           | Y           |               |              |           | 546           | mg/kg | 1240   | mg/kg |
| RY483-D      | 10FC-RY483-D-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SILVER        | 1.1           | N           | U             |              | U         | 1.1           | mg/kg | 1.1    | mg/kg |
| RY483-D      | 10FC-RY483-D-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SODIUM        | 546           | Y           | J             |              | J         | 546           | mg/kg | 270    | mg/kg |
| RY483-D      | 10FC-RY483-D-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | THALLIUM      | 2.7           | N           | U             |              | U         | 2.7           | mg/kg | 2.7    | mg/kg |
| RY483-D      | 10FC-RY483-D-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | BERYLLIUM     | 0.55          | Y           | J             |              | J         | 0.55          | mg/kg | 0.53   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY483-D      | 10FC-RY483-D-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CADMIUM       | 0.55          | Y           | J             |              | J         | 0.55          | mg/kg | 0.3    | mg/kg |
| RY483-D      | 10FC-RY483-D-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CHROMIUM      | 1.1           | Y           |               |              |           | 1.1           | mg/kg | 8.3    | mg/kg |
| RY483-D      | 10FC-RY483-D-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | COBALT        | 5.5           | Y           |               |              |           | 5.5           | mg/kg | 5.8    | mg/kg |
| RY483-D      | 10FC-RY483-D-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | COPPER        | 2.7           | Y           |               |              |           | 2.7           | mg/kg | 18.1   | mg/kg |
| RY483-D      | 10FC-RY483-D-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | VANADIUM      | 5.5           | Y           | J             | J            |           | 5.5           | mg/kg | 15.7   | mg/kg |
| RY483-D      | 10FC-RY483-D-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | ZINC          | 6.6           | Y           | J             | J            |           | 6.6           | mg/kg | 146    | mg/kg |
| RY483-D      | 10FC-RY483-D-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CALCIUM       | 546           | Y           | J             | J            |           | 546           | mg/kg | 6500   | mg/kg |
| RY483-D      | 10FC-RY483-D-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SELENIUM      | 3.8           | N           | U             |              | U         | 3.8           | mg/kg | 3.8    | mg/kg |
| RY484-D      | 10FC-RY484-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/3/2010     | ALUMINUM      | 22.2          | Y           |               |              |           | 22.2          | mg/kg | 9180   | mg/kg |
| RY484-D      | 10FC-RY484-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/3/2010     | ANTIMONY      | 6.7           | Y           | J             | J            |           | 6.7           | mg/kg | 9.5    | mg/kg |
| RY484-D      | 10FC-RY484-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/3/2010     | ARSENIC       | 1.1           | Y           |               |              |           | 1.1           | mg/kg | 4.6    | mg/kg |
| RY484-D      | 10FC-RY484-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/3/2010     | BARIUM        | 22.2          | Y           |               |              |           | 22.2          | mg/kg | 290    | mg/kg |
| RY484-D      | 10FC-RY484-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | IRON          | 11.1          | Y           | J             | J            |           | 11.1          | mg/kg | 13100  | mg/kg |
| RY484-D      | 10FC-RY484-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | LEAD          | 1.1           | Y           |               |              |           | 1.1           | mg/kg | 200    | mg/kg |
| RY484-D      | 10FC-RY484-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 556           | Y           |               |              |           | 556           | mg/kg | 3340   | mg/kg |
| RY484-D      | 10FC-RY484-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | MANGANESE     | 1.7           | Y           | J             | J            |           | 1.7           | mg/kg | 461    | mg/kg |
| RY484-D      | 10FC-RY484-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | NICKEL        | 4.4           | Y           |               |              |           | 4.4           | mg/kg | 8.7    | mg/kg |
| RY484-D      | 10FC-RY484-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | POTASSIUM     | 556           | Y           |               |              |           | 556           | mg/kg | 1660   | mg/kg |
| RY484-D      | 10FC-RY484-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | SILVER        | 1.1           | N           | U             |              | U         | 1.1           | mg/kg | 1.1    | mg/kg |
| RY484-D      | 10FC-RY484-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | SODIUM        | 556           | Y           | J             |              | J         | 556           | mg/kg | 290    | mg/kg |
| RY484-D      | 10FC-RY484-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | THALLIUM      | 2.8           | N           | U             |              | U         | 2.8           | mg/kg | 2.8    | mg/kg |
| RY484-D      | 10FC-RY484-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | BERYLLIUM     | 0.56          | Y           | J             |              | J         | 0.56          | mg/kg | 0.54   | mg/kg |
| RY484-D      | 10FC-RY484-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | CADMIUM       | 0.56          | Y           |               |              |           | 0.56          | mg/kg | 1      | mg/kg |
| RY484-D      | 10FC-RY484-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | CHROMIUM      | 1.1           | Y           |               |              |           | 1.1           | mg/kg | 10.8   | mg/kg |
| RY484-D      | 10FC-RY484-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | COBALT        | 5.6           | Y           |               |              |           | 5.6           | mg/kg | 5.9    | mg/kg |
| RY484-D      | 10FC-RY484-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | COPPER        | 2.8           | Y           |               |              |           | 2.8           | mg/kg | 25.9   | mg/kg |
| RY484-D      | 10FC-RY484-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | VANADIUM      | 5.6           | Y           | J             | J            |           | 5.6           | mg/kg | 17     | mg/kg |
| RY484-D      | 10FC-RY484-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | ZINC          | 6.7           | Y           | J             | J            |           | 6.7           | mg/kg | 386    | mg/kg |
| RY484-D      | 10FC-RY484-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | CALCIUM       | 556           | Y           | J             | J            |           | 556           | mg/kg | 4650   | mg/kg |
| RY484-D      | 10FC-RY484-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | SELENIUM      | 3.9           | N           | U             |              | U         | 3.9           | mg/kg | 3.9    | mg/kg |
| RY484-D      | 10FC-RY484-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/3/2010     | ALUMINUM      | 22.3          | Y           |               |              |           | 22.3          | mg/kg | 9000   | mg/kg |
| RY484-D      | 10FC-RY484-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/3/2010     | ANTIMONY      | 6.7           | Y           | J             | J            | J         | 6.7           | mg/kg | 1      | mg/kg |
| RY484-D      | 10FC-RY484-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/3/2010     | ARSENIC       | 1.1           | Y           |               |              |           | 1.1           | mg/kg | 4.4    | mg/kg |
| RY484-D      | 10FC-RY484-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/3/2010     | BARIUM        | 22.3          | Y           |               |              |           | 22.3          | mg/kg | 268    | mg/kg |
| RY484-D      | 10FC-RY484-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | IRON          | 11.2          | Y           | J             | J            |           | 11.2          | mg/kg | 12700  | mg/kg |
| RY484-D      | 10FC-RY484-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | LEAD          | 1.1           | Y           |               |              |           | 1.1           | mg/kg | 123    | mg/kg |
| RY484-D      | 10FC-RY484-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 559           | Y           |               |              |           | 559           | mg/kg | 3460   | mg/kg |
| RY484-D      | 10FC-RY484-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | MANGANESE     | 1.7           | Y           | J             | J            |           | 1.7           | mg/kg | 454    | mg/kg |
| RY484-D      | 10FC-RY484-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | NICKEL        | 4.5           | Y           |               |              |           | 4.5           | mg/kg | 8.4    | mg/kg |
| RY484-D      | 10FC-RY484-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | POTASSIUM     | 559           | Y           |               |              |           | 559           | mg/kg | 1700   | mg/kg |
| RY484-D      | 10FC-RY484-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SILVER        | 1.1           | N           | U             |              | U         | 1.1           | mg/kg | 1.1    | mg/kg |
| RY484-D      | 10FC-RY484-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SODIUM        | 559           | Y           | J             |              | J         | 559           | mg/kg | 226    | mg/kg |
| RY484-D      | 10FC-RY484-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | THALLIUM      | 2.8           | N           | U             |              | U         | 2.8           | mg/kg | 2.8    | mg/kg |
| RY484-D      | 10FC-RY484-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | BERYLLIUM     | 0.56          | Y           | J             |              | J         | 0.56          | mg/kg | 0.51   | mg/kg |
| RY484-D      | 10FC-RY484-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CADMIUM       | 0.56          | Y           |               |              |           | 0.56          | mg/kg | 0.58   | mg/kg |
| RY484-D      | 10FC-RY484-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CHROMIUM      | 1.1           | Y           |               |              |           | 1.1           | mg/kg | 10.2   | mg/kg |
| RY484-D      | 10FC-RY484-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | COBALT        | 5.6           | Y           | J             |              | J         | 5.6           | mg/kg | 5.5    | mg/kg |
| RY484-D      | 10FC-RY484-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | COPPER        | 2.8           | Y           |               |              |           | 2.8           | mg/kg | 23.4   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY484-D      | 10FC-RY484-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | VANADIUM      | 5.6           | Y           | J             | J            |           | 5.6                 | mg/kg | 15.5   | mg/kg |
| RY484-D      | 10FC-RY484-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | ZINC          | 6.7           | Y           | J             | J            |           | 6.7                 | mg/kg | 193    | mg/kg |
| RY484-D      | 10FC-RY484-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CALCIUM       | 559           | Y           | J             | J            |           | 559                 | mg/kg | 5200   | mg/kg |
| RY484-D      | 10FC-RY484-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SELENIUM      | 3.9           | N           | U             |              | U         | 3.9                 | mg/kg | 3.9    | mg/kg |
| RY484-E      | 10FC-RY484-E-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/3/2010     | ALUMINUM      | 21.8          | Y           |               |              |           | 21.8                | mg/kg | 8880   | mg/kg |
| RY484-E      | 10FC-RY484-E-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/3/2010     | ANTIMONY      | 6.5           | Y           | J             | J            | J         | 6.5                 | mg/kg | 0.96   | mg/kg |
| RY484-E      | 10FC-RY484-E-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/3/2010     | ARSENIC       | 1.1           | Y           |               |              |           | 1.1                 | mg/kg | 4.4    | mg/kg |
| RY484-E      | 10FC-RY484-E-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/3/2010     | BARIUM        | 21.8          | Y           |               |              |           | 21.8                | mg/kg | 205    | mg/kg |
| RY484-E      | 10FC-RY484-E-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | IRON          | 10.9          | Y           | J             | J            |           | 10.9                | mg/kg | 12200  | mg/kg |
| RY484-E      | 10FC-RY484-E-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | LEAD          | 1.1           | Y           |               |              |           | 1.1                 | mg/kg | 128    | mg/kg |
| RY484-E      | 10FC-RY484-E-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 544           | Y           |               |              |           | 544                 | mg/kg | 3190   | mg/kg |
| RY484-E      | 10FC-RY484-E-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | MANGANESE     | 1.6           | Y           | J             | J            |           | 1.6                 | mg/kg | 416    | mg/kg |
| RY484-E      | 10FC-RY484-E-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | NICKEL        | 4.4           | Y           |               |              |           | 4.4                 | mg/kg | 8.3    | mg/kg |
| RY484-E      | 10FC-RY484-E-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | POTASSIUM     | 544           | Y           |               |              |           | 544                 | mg/kg | 1520   | mg/kg |
| RY484-E      | 10FC-RY484-E-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | SILVER        | 1.1           | N           | U             |              | U         | 1.1                 | mg/kg | 1.1    | mg/kg |
| RY484-E      | 10FC-RY484-E-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | SODIUM        | 544           | Y           | J             |              | J         | 544                 | mg/kg | 272    | mg/kg |
| RY484-E      | 10FC-RY484-E-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | THALLIUM      | 2.7           | N           | U             |              | U         | 2.7                 | mg/kg | 2.7    | mg/kg |
| RY484-E      | 10FC-RY484-E-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | BERYLLIUM     | 0.54          | Y           | J             |              | J         | 0.54                | mg/kg | 0.53   | mg/kg |
| RY484-E      | 10FC-RY484-E-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | CADMIUM       | 0.54          | Y           | J             |              | J         | 0.54                | mg/kg | 0.42   | mg/kg |
| RY484-E      | 10FC-RY484-E-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | CHROMIUM      | 1.1           | Y           |               |              |           | 1.1                 | mg/kg | 9.4    | mg/kg |
| RY484-E      | 10FC-RY484-E-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | COBALT        | 5.4           | Y           |               |              |           | 5.4                 | mg/kg | 5.7    | mg/kg |
| RY484-E      | 10FC-RY484-E-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | COPPER        | 2.7           | Y           |               |              |           | 2.7                 | mg/kg | 21.2   | mg/kg |
| RY484-E      | 10FC-RY484-E-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | VANADIUM      | 5.4           | Y           | J             | J            |           | 5.4                 | mg/kg | 16.3   | mg/kg |
| RY484-E      | 10FC-RY484-E-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | ZINC          | 6.5           | Y           | J             | J            |           | 6.5                 | mg/kg | 132    | mg/kg |
| RY484-E      | 10FC-RY484-E-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | CALCIUM       | 544           | Y           | J             | J            |           | 544                 | mg/kg | 3570   | mg/kg |
| RY484-E      | 10FC-RY484-E-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | SELENIUM      | 3.8           | N           | U             |              | U         | 3.8                 | mg/kg | 3.8    | mg/kg |
| RY484-E      | 10FC-RY484-E-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/3/2010     | ALUMINUM      | 21.1          | Y           |               |              |           | 21.1                | mg/kg | 8170   | mg/kg |
| RY484-E      | 10FC-RY484-E-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/3/2010     | ANTIMONY      | 6.3           | Y           | J             | J            | J         | 6.3                 | mg/kg | 0.89   | mg/kg |
| RY484-E      | 10FC-RY484-E-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/3/2010     | ARSENIC       | 1.1           | Y           |               |              |           | 1.1                 | mg/kg | 3.8    | mg/kg |
| RY484-E      | 10FC-RY484-E-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/3/2010     | BARIUM        | 21.1          | Y           |               |              |           | 21.1                | mg/kg | 177    | mg/kg |
| RY484-E      | 10FC-RY484-E-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | IRON          | 10.5          | Y           |               |              |           | 10.5                | mg/kg | 10900  | mg/kg |
| RY484-E      | 10FC-RY484-E-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | LEAD          | 1.1           | Y           |               |              |           | 1.1                 | mg/kg | 101    | mg/kg |
| RY484-E      | 10FC-RY484-E-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 527           | Y           |               |              |           | 527                 | mg/kg | 3860   | mg/kg |
| RY484-E      | 10FC-RY484-E-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | MANGANESE     | 1.6           | Y           | J             | J            |           | 1.6                 | mg/kg | 436    | mg/kg |
| RY484-E      | 10FC-RY484-E-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | NICKEL        | 4.2           | Y           |               |              |           | 4.2                 | mg/kg | 9      | mg/kg |
| RY484-E      | 10FC-RY484-E-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | POTASSIUM     | 527           | Y           |               |              |           | 527                 | mg/kg | 1240   | mg/kg |
| RY484-E      | 10FC-RY484-E-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | SILVER        | 1.1           | N           | U             |              | U         | 1.1                 | mg/kg | 1.1    | mg/kg |
| RY484-E      | 10FC-RY484-E-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | SODIUM        | 527           | Y           | J             |              | J         | 527                 | mg/kg | 193    | mg/kg |
| RY484-E      | 10FC-RY484-E-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | THALLIUM      | 2.6           | N           | U             |              | U         | 2.6                 | mg/kg | 2.6    | mg/kg |
| RY484-E      | 10FC-RY484-E-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | BERYLLIUM     | 0.53          | Y           | J             |              | J         | 0.53                | mg/kg | 0.42   | mg/kg |
| RY484-E      | 10FC-RY484-E-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | CADMIUM       | 0.53          | Y           | J             |              | J         | 0.53                | mg/kg | 0.33   | mg/kg |
| RY484-E      | 10FC-RY484-E-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | CHROMIUM      | 1.1           | Y           |               |              |           | 1.1                 | mg/kg | 9.2    | mg/kg |
| RY484-E      | 10FC-RY484-E-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | COBALT        | 5.3           | Y           |               |              |           | 5.3                 | mg/kg | 5.9    | mg/kg |
| RY484-E      | 10FC-RY484-E-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | COPPER        | 2.6           | Y           |               |              |           | 2.6                 | mg/kg | 17.4   | mg/kg |
| RY484-E      | 10FC-RY484-E-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | VANADIUM      | 5.3           | Y           | J             | J            |           | 5.3                 | mg/kg | 13.6   | mg/kg |
| RY484-E      | 10FC-RY484-E-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | ZINC          | 6.3           | Y           | J             | J            |           | 6.3                 | mg/kg | 110    | mg/kg |
| RY484-E      | 10FC-RY484-E-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | CALCIUM       | 527           | Y           | J             | J            |           | 527                 | mg/kg | 2950   | mg/kg |
| RY484-E      | 10FC-RY484-E-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | SELENIUM      | 3.7           | N           | U             |              | U         | 3.7                 | mg/kg | 3.7    | mg/kg |

## Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY484-E      | 10FC-RY484-E-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/3/2010     | ALUMINUM      | 21.5          | Y           |               |              |           | 21.5                | mg/kg | 9020   | mg/kg |
| RY484-E      | 10FC-RY484-E-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/3/2010     | ANTIMONY      | 6.4           | Y           | J             | J            | J         | 6.4                 | mg/kg | 0.77   | mg/kg |
| RY484-E      | 10FC-RY484-E-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/3/2010     | ARSENIC       | 1.1           | Y           |               |              |           | 1.1                 | mg/kg | 4.4    | mg/kg |
| RY484-E      | 10FC-RY484-E-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/3/2010     | BARIUM        | 21.5          | Y           |               |              |           | 21.5                | mg/kg | 192    | mg/kg |
| RY484-E      | 10FC-RY484-E-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | IRON          | 10.7          | Y           | J             | J            |           | 10.7                | mg/kg | 11800  | mg/kg |
| RY484-E      | 10FC-RY484-E-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | LEAD          | 1.1           | Y           |               |              |           | 1.1                 | mg/kg | 125    | mg/kg |
| RY484-E      | 10FC-RY484-E-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 536           | Y           |               |              |           | 536                 | mg/kg | 3470   | mg/kg |
| RY484-E      | 10FC-RY484-E-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | MANGANESE     | 1.6           | Y           | J             | J            |           | 1.6                 | mg/kg | 382    | mg/kg |
| RY484-E      | 10FC-RY484-E-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | NICKEL        | 4.3           | Y           |               |              |           | 4.3                 | mg/kg | 8.3    | mg/kg |
| RY484-E      | 10FC-RY484-E-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | POTASSIUM     | 536           | Y           |               |              |           | 536                 | mg/kg | 1450   | mg/kg |
| RY484-E      | 10FC-RY484-E-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SILVER        | 1.1           | N           | U             |              | U         | 1.1                 | mg/kg | 1.1    | mg/kg |
| RY484-E      | 10FC-RY484-E-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SODIUM        | 536           | Y           | J             |              | J         | 536                 | mg/kg | 192    | mg/kg |
| RY484-E      | 10FC-RY484-E-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | THALLIUM      | 2.7           | N           | U             |              | U         | 2.7                 | mg/kg | 2.7    | mg/kg |
| RY484-E      | 10FC-RY484-E-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | BERYLLIUM     | 0.54          | Y           | J             |              | J         | 0.54                | mg/kg | 0.51   | mg/kg |
| RY484-E      | 10FC-RY484-E-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CADMIUM       | 0.54          | Y           | J             |              | J         | 0.54                | mg/kg | 0.39   | mg/kg |
| RY484-E      | 10FC-RY484-E-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CHROMIUM      | 1.1           | Y           |               |              |           | 1.1                 | mg/kg | 9.2    | mg/kg |
| RY484-E      | 10FC-RY484-E-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | COBALT        | 5.4           | Y           |               |              |           | 5.4                 | mg/kg | 5.8    | mg/kg |
| RY484-E      | 10FC-RY484-E-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | COPPER        | 2.7           | Y           |               |              |           | 2.7                 | mg/kg | 21.9   | mg/kg |
| RY484-E      | 10FC-RY484-E-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | VANADIUM      | 5.4           | Y           | J             | J            |           | 5.4                 | mg/kg | 15.7   | mg/kg |
| RY484-E      | 10FC-RY484-E-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | ZINC          | 6.4           | Y           | J             | J            |           | 6.4                 | mg/kg | 125    | mg/kg |
| RY484-E      | 10FC-RY484-E-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CALCIUM       | 536           | Y           | J             | J            |           | 536                 | mg/kg | 3360   | mg/kg |
| RY484-E      | 10FC-RY484-E-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SELENIUM      | 3.8           | N           | U             |              | U         | 3.8                 | mg/kg | 3.8    | mg/kg |
| RY357-A      | 10FC-RY357-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | ALUMINUM      | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 7490   | mg/kg |
| RY357-A      | 10FC-RY357-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | IRON          | 10.0          | Y           |               |              |           | 10.0                | mg/kg | 10600  | mg/kg |
| RY357-A      | 10FC-RY357-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | LEAD          | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 5.3    | mg/kg |
| RY357-A      | 10FC-RY357-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | MAGNESIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 3210   | mg/kg |
| RY357-A      | 10FC-RY357-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | MANGANESE     | 1.5           | Y           |               |              |           | 1.5                 | mg/kg | 493    | mg/kg |
| RY357-A      | 10FC-RY357-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | NICKEL        | 4.0           | Y           |               |              |           | 4.0                 | mg/kg | 7.1    | mg/kg |
| RY357-A      | 10FC-RY357-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | POTASSIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 1500   | mg/kg |
| RY357-A      | 10FC-RY357-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | SILVER        | 1.0           | N           | U             |              | U         | 1.0                 | mg/kg | 1.2    | mg/kg |
| RY357-A      | 10FC-RY357-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | SODIUM        | 500           | Y           | J             | J            | J         | 500                 | mg/kg | 160    | mg/kg |
| RY357-A      | 10FC-RY357-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.9    | mg/kg |
| RY357-A      | 10FC-RY357-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | ANTIMONY      | 6.0           | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 7      | mg/kg |
| RY357-A      | 10FC-RY357-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | ARSENIC       | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 2.3    | mg/kg |
| RY357-A      | 10FC-RY357-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | BARIUM        | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 145    | mg/kg |
| RY357-A      | 10FC-RY357-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | BERYLLIUM     | 0.50          | Y           | J             |              | J         | 0.50                | mg/kg | 0.076  | mg/kg |
| RY357-A      | 10FC-RY357-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | CADMIUM       | 0.50          | Y           | J             |              | J         | 0.50                | mg/kg | 0.046  | mg/kg |
| RY357-A      | 10FC-RY357-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | CHROMIUM      | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 6.8    | mg/kg |
| RY357-A      | 10FC-RY357-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | COBALT        | 5.0           | Y           | J             | J            | J         | 5.0                 | mg/kg | 5.1    | mg/kg |
| RY357-A      | 10FC-RY357-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | COPPER        | 2.5           | Y           | J             | J            |           | 2.5                 | mg/kg | 7      | mg/kg |
| RY357-A      | 10FC-RY357-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | VANADIUM      | 5.0           | Y           |               |              |           | 5.0                 | mg/kg | 14.6   | mg/kg |
| RY357-A      | 10FC-RY357-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | ZINC          | 6.0           | Y           |               |              |           | 6.0                 | mg/kg | 28.9   | mg/kg |
| RY357-A      | 10FC-RY357-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | CALCIUM       | 500           | Y           |               |              |           | 500                 | mg/kg | 1310   | mg/kg |
| RY357-A      | 10FC-RY357-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | SELENIUM      | 3.5           | Y           | J             |              | J         | 3.5                 | mg/kg | 0.68   | mg/kg |
| RY357-A      | 10FC-RY357-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | ALUMINUM      | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 4390   | mg/kg |
| RY357-A      | 10FC-RY357-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | IRON          | 10.0          | Y           |               |              |           | 10.0                | mg/kg | 6130   | mg/kg |
| RY357-A      | 10FC-RY357-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | LEAD          | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 2.4    | mg/kg |
| RY357-A      | 10FC-RY357-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | MAGNESIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 1940   | mg/kg |



Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY357-A      | 10FC-RY357-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 117    | mg/kg |
| RY357-A      | 10FC-RY357-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | NICKEL        | 4.0                 | Y           | J             |              | J         | 4.0                 | mg/kg | 3.3    | mg/kg |
| RY357-A      | 10FC-RY357-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 825    | mg/kg |
| RY357-A      | 10FC-RY357-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | SILVER        | 1.0                 | N           | U             |              | U         | 1.0                 | mg/kg | 1.2    | mg/kg |
| RY357-A      | 10FC-RY357-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | SODIUM        | 500                 | Y           | J             | J            | J         | 500                 | mg/kg | 122    | mg/kg |
| RY357-A      | 10FC-RY357-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.9    | mg/kg |
| RY357-A      | 10FC-RY357-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | ANTIMONY      | 6.0                 | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 7      | mg/kg |
| RY357-A      | 10FC-RY357-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | ARSENIC       | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 1.2    | mg/kg |
| RY357-A      | 10FC-RY357-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | BARIUM        | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 63     | mg/kg |
| RY357-A      | 10FC-RY357-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | BERYLLIUM     | 0.50                | N           | U             |              | U         | 0.50                | mg/kg | 0.58   | mg/kg |
| RY357-A      | 10FC-RY357-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | CADMIUM       | 0.50                | N           | U             |              | U         | 0.50                | mg/kg | 0.58   | mg/kg |
| RY357-A      | 10FC-RY357-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | CHROMIUM      | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 3.9    | mg/kg |
| RY357-A      | 10FC-RY357-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | COBALT        | 5.0                 | Y           | J             | J            | J         | 5.0                 | mg/kg | 2      | mg/kg |
| RY357-A      | 10FC-RY357-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | COPPER        | 2.5                 | Y           | J-            | J-           |           | 2.5                 | mg/kg | 3.5    | mg/kg |
| RY357-A      | 10FC-RY357-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | VANADIUM      | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 8.3    | mg/kg |
| RY357-A      | 10FC-RY357-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 11.9   | mg/kg |
| RY357-A      | 10FC-RY357-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 728    | mg/kg |
| RY357-A      | 10FC-RY357-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.46   | mg/kg |
| RY357-A      | 10FC-RY357-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | ALUMINUM      | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 3650   | mg/kg |
| RY357-A      | 10FC-RY357-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | IRON          | 10.0                | Y           |               |              |           | 10.0                | mg/kg | 4970   | mg/kg |
| RY357-A      | 10FC-RY357-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | LEAD          | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 2      | mg/kg |
| RY357-A      | 10FC-RY357-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1600   | mg/kg |
| RY357-A      | 10FC-RY357-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 249    | mg/kg |
| RY357-A      | 10FC-RY357-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | NICKEL        | 4.0                 | Y           | J             |              | J         | 4.0                 | mg/kg | 2.9    | mg/kg |
| RY357-A      | 10FC-RY357-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 679    | mg/kg |
| RY357-A      | 10FC-RY357-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | SILVER        | 1.0                 | N           | U             |              | U         | 1.0                 | mg/kg | 1.2    | mg/kg |
| RY357-A      | 10FC-RY357-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | SODIUM        | 500                 | Y           | J             | J            | J         | 500                 | mg/kg | 103    | mg/kg |
| RY357-A      | 10FC-RY357-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.9    | mg/kg |
| RY357-A      | 10FC-RY357-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | ANTIMONY      | 6.0                 | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 7      | mg/kg |
| RY357-A      | 10FC-RY357-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | ARSENIC       | 1.0                 | Y           | J             |              | J         | 1.0                 | mg/kg | 0.86   | mg/kg |
| RY357-A      | 10FC-RY357-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | BARIUM        | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 65.2   | mg/kg |
| RY357-A      | 10FC-RY357-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | BERYLLIUM     | 0.50                | N           | U             |              | U         | 0.50                | mg/kg | 0.58   | mg/kg |
| RY357-A      | 10FC-RY357-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | CADMIUM       | 0.50                | N           | U             |              | U         | 0.50                | mg/kg | 0.58   | mg/kg |
| RY357-A      | 10FC-RY357-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | CHROMIUM      | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 3      | mg/kg |
| RY357-A      | 10FC-RY357-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | COBALT        | 5.0                 | Y           | J             | J            | J         | 5.0                 | mg/kg | 1.8    | mg/kg |
| RY357-A      | 10FC-RY357-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | COPPER        | 2.5                 | Y           | J-            | J-           | J         | 2.5                 | mg/kg | 2.9    | mg/kg |
| RY357-A      | 10FC-RY357-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | VANADIUM      | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 7      | mg/kg |
| RY357-A      | 10FC-RY357-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 10.3   | mg/kg |
| RY357-A      | 10FC-RY357-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 616    | mg/kg |
| RY357-A      | 10FC-RY357-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.4    | mg/kg |
| RY357-B      | 10FC-RY357-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | ALUMINUM      | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 2870   | mg/kg |
| RY357-B      | 10FC-RY357-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | IRON          | 10.0                | Y           |               |              |           | 10.0                | mg/kg | 3860   | mg/kg |
| RY357-B      | 10FC-RY357-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | LEAD          | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 2      | mg/kg |
| RY357-B      | 10FC-RY357-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1230   | mg/kg |
| RY357-B      | 10FC-RY357-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 171    | mg/kg |
| RY357-B      | 10FC-RY357-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | NICKEL        | 4.0                 | Y           | J             |              | J         | 4.0                 | mg/kg | 2.7    | mg/kg |
| RY357-B      | 10FC-RY357-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | POTASSIUM     | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 574    | mg/kg |
| RY357-B      | 10FC-RY357-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | SILVER        | 1.0                 | N           | U             |              | U         | 1.0                 | mg/kg | 1.2    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY357-B      | 10FC-RY357-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | SODIUM        | 500           | Y           | J             | J            | J         | 500                 | mg/kg | 79.6   | mg/kg |
| RY357-B      | 10FC-RY357-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.9    | mg/kg |
| RY357-B      | 10FC-RY357-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | ANTIMONY      | 6.0           | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 6.9    | mg/kg |
| RY357-B      | 10FC-RY357-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | ARSENIC       | 1.0           | Y           | J             |              | J         | 1.0                 | mg/kg | 0.67   | mg/kg |
| RY357-B      | 10FC-RY357-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | BARIUM        | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 53.5   | mg/kg |
| RY357-B      | 10FC-RY357-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | BERYLLIUM     | 0.50          | N           | U             |              | U         | 0.50                | mg/kg | 0.58   | mg/kg |
| RY357-B      | 10FC-RY357-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | CADMIUM       | 0.50          | N           | U             |              | U         | 0.50                | mg/kg | 0.58   | mg/kg |
| RY357-B      | 10FC-RY357-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | CHROMIUM      | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 2.5    | mg/kg |
| RY357-B      | 10FC-RY357-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | COBALT        | 5.0           | Y           | J             | J            | J         | 5.0                 | mg/kg | 1.4    | mg/kg |
| RY357-B      | 10FC-RY357-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | COPPER        | 2.5           | Y           | J-            | J-           | J         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY357-B      | 10FC-RY357-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | VANADIUM      | 5.0           | Y           | J             |              | J         | 5.0                 | mg/kg | 5.1    | mg/kg |
| RY357-B      | 10FC-RY357-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | ZINC          | 6.0           | Y           |               |              |           | 6.0                 | mg/kg | 11.5   | mg/kg |
| RY357-B      | 10FC-RY357-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | CALCIUM       | 500           | Y           | J             |              | J         | 500                 | mg/kg | 51.1   | mg/kg |
| RY357-B      | 10FC-RY357-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | SELENIUM      | 3.5           | Y           | J             |              | J         | 3.5                 | mg/kg | 0.4    | mg/kg |
| RY357-B      | 10FC-RY357-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | ALUMINUM      | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 2170   | mg/kg |
| RY357-B      | 10FC-RY357-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | IRON          | 10.0          | Y           |               |              |           | 10.0                | mg/kg | 2920   | mg/kg |
| RY357-B      | 10FC-RY357-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | LEAD          | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 1.4    | mg/kg |
| RY357-B      | 10FC-RY357-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | MAGNESIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 940    | mg/kg |
| RY357-B      | 10FC-RY357-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | MANGANESE     | 1.5           | Y           |               |              |           | 1.5                 | mg/kg | 63.7   | mg/kg |
| RY357-B      | 10FC-RY357-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | NICKEL        | 4.0           | Y           | J             |              | J         | 4.0                 | mg/kg | 1.9    | mg/kg |
| RY357-B      | 10FC-RY357-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | POTASSIUM     | 500           | Y           | J             |              | J         | 500                 | mg/kg | 394    | mg/kg |
| RY357-B      | 10FC-RY357-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | SILVER        | 1.0           | N           | U             |              | U         | 1.0                 | mg/kg | 1.2    | mg/kg |
| RY357-B      | 10FC-RY357-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | SODIUM        | 500           | Y           | J             | J            | J         | 500                 | mg/kg | 66.8   | mg/kg |
| RY357-B      | 10FC-RY357-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.9    | mg/kg |
| RY357-B      | 10FC-RY357-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | ANTIMONY      | 6.0           | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 6.9    | mg/kg |
| RY357-B      | 10FC-RY357-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | ARSENIC       | 1.0           | Y           | J             |              | J         | 1.0                 | mg/kg | 0.65   | mg/kg |
| RY357-B      | 10FC-RY357-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | BARIUM        | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 31.4   | mg/kg |
| RY357-B      | 10FC-RY357-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | BERYLLIUM     | 0.50          | N           | U             |              | U         | 0.50                | mg/kg | 0.58   | mg/kg |
| RY357-B      | 10FC-RY357-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | CADMIUM       | 0.50          | N           | U             |              | U         | 0.50                | mg/kg | 0.58   | mg/kg |
| RY357-B      | 10FC-RY357-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | CHROMIUM      | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 1.9    | mg/kg |
| RY357-B      | 10FC-RY357-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | COBALT        | 5.0           | Y           | J             | J            | J         | 5.0                 | mg/kg | 0.87   | mg/kg |
| RY357-B      | 10FC-RY357-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | COPPER        | 2.5           | Y           | J-            | J-           | J         | 2.5                 | mg/kg | 2      | mg/kg |
| RY357-B      | 10FC-RY357-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | VANADIUM      | 5.0           | Y           | J             |              | J         | 5.0                 | mg/kg | 4.1    | mg/kg |
| RY357-B      | 10FC-RY357-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | ZINC          | 6.0           | Y           |               |              |           | 6.0                 | mg/kg | 7      | mg/kg |
| RY357-B      | 10FC-RY357-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | CALCIUM       | 500           | Y           | J             |              | J         | 500                 | mg/kg | 352    | mg/kg |
| RY357-B      | 10FC-RY357-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | SELENIUM      | 3.5           | N           | U             |              | U         | 3.5                 | mg/kg | 4      | mg/kg |
| RY357-B      | 10FC-RY357-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | ALUMINUM      | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 2710   | mg/kg |
| RY357-B      | 10FC-RY357-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | IRON          | 10.0          | Y           |               |              |           | 10.0                | mg/kg | 3520   | mg/kg |
| RY357-B      | 10FC-RY357-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | LEAD          | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 1.7    | mg/kg |
| RY357-B      | 10FC-RY357-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | MAGNESIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 1170   | mg/kg |
| RY357-B      | 10FC-RY357-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | MANGANESE     | 1.5           | Y           |               |              |           | 1.5                 | mg/kg | 73.4   | mg/kg |
| RY357-B      | 10FC-RY357-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | NICKEL        | 4.0           | Y           | J             |              | J         | 4.0                 | mg/kg | 2.4    | mg/kg |
| RY357-B      | 10FC-RY357-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | POTASSIUM     | 500           | Y           | J             |              | J         | 500                 | mg/kg | 478    | mg/kg |
| RY357-B      | 10FC-RY357-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | SILVER        | 1.0           | N           | U             |              | U         | 1.0                 | mg/kg | 1.2    | mg/kg |
| RY357-B      | 10FC-RY357-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | SODIUM        | 500           | Y           | J             | J            | J         | 500                 | mg/kg | 78.6   | mg/kg |
| RY357-B      | 10FC-RY357-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.9    | mg/kg |
| RY357-B      | 10FC-RY357-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | ANTIMONY      | 6.0           | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 6.9    | mg/kg |
| RY357-B      | 10FC-RY357-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | ARSENIC       | 1.0           | Y           | J             |              | J         | 1.0                 | mg/kg | 0.75   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY357-B      | 10FC-RY357-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | BARIUM        | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 35     | mg/kg |
| RY357-B      | 10FC-RY357-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | BERYLLIUM     | 0.50                | N           | U             |              | U         | 0.50                | mg/kg | 0.58   | mg/kg |
| RY357-B      | 10FC-RY357-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | CADMIUM       | 0.50                | N           | U             |              | U         | 0.50                | mg/kg | 0.58   | mg/kg |
| RY357-B      | 10FC-RY357-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | CHROMIUM      | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 2.2    | mg/kg |
| RY357-B      | 10FC-RY357-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | COBALT        | 5.0                 | Y           | J             | J            | J         | 5.0                 | mg/kg | 1.3    | mg/kg |
| RY357-B      | 10FC-RY357-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | COPPER        | 2.5                 | Y           | J-            | J-           |           | 2.5                 | mg/kg | 3      | mg/kg |
| RY357-B      | 10FC-RY357-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | VANADIUM      | 5.0                 | Y           | J             |              | J         | 5.0                 | mg/kg | 4.8    | mg/kg |
| RY357-B      | 10FC-RY357-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 7.7    | mg/kg |
| RY357-B      | 10FC-RY357-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | CALCIUM       | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 424    | mg/kg |
| RY357-B      | 10FC-RY357-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 4      | mg/kg |
| RY358-A      | 10FC-RY358-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | ALUMINUM      | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 1890   | mg/kg |
| RY358-A      | 10FC-RY358-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | IRON          | 10.0                | Y           |               |              |           | 10.0                | mg/kg | 2660   | mg/kg |
| RY358-A      | 10FC-RY358-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | LEAD          | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 1.8    | mg/kg |
| RY358-A      | 10FC-RY358-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 791    | mg/kg |
| RY358-A      | 10FC-RY358-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 80.5   | mg/kg |
| RY358-A      | 10FC-RY358-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | NICKEL        | 4.0                 | Y           | J             |              | J         | 4.0                 | mg/kg | 1.8    | mg/kg |
| RY358-A      | 10FC-RY358-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | POTASSIUM     | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 427    | mg/kg |
| RY358-A      | 10FC-RY358-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | SILVER        | 1.0                 | N           | U             |              | U         | 1.0                 | mg/kg | 1.1    | mg/kg |
| RY358-A      | 10FC-RY358-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | SODIUM        | 500                 | Y           | J             | J            | J         | 500                 | mg/kg | 62.6   | mg/kg |
| RY358-A      | 10FC-RY358-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.8    | mg/kg |
| RY358-A      | 10FC-RY358-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | ANTIMONY      | 6.0                 | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 6.8    | mg/kg |
| RY358-A      | 10FC-RY358-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | ARSENIC       | 1.0                 | Y           | J             |              | J         | 1.0                 | mg/kg | 0.52   | mg/kg |
| RY358-A      | 10FC-RY358-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | BARIUM        | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 33.3   | mg/kg |
| RY358-A      | 10FC-RY358-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | BERYLLIUM     | 0.50                | N           | U             |              | U         | 0.50                | mg/kg | 0.57   | mg/kg |
| RY358-A      | 10FC-RY358-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | CADMIUM       | 0.50                | Y           | J             |              | J         | 0.50                | mg/kg | 0.04   | mg/kg |
| RY358-A      | 10FC-RY358-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | CHROMIUM      | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 1.7    | mg/kg |
| RY358-A      | 10FC-RY358-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | COBALT        | 5.0                 | Y           | J             | J            | J         | 5.0                 | mg/kg | 0.75   | mg/kg |
| RY358-A      | 10FC-RY358-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | COPPER        | 2.5                 | Y           | J-            | J-           | J         | 2.5                 | mg/kg | 2.1    | mg/kg |
| RY358-A      | 10FC-RY358-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | VANADIUM      | 5.0                 | Y           | J             |              | J         | 5.0                 | mg/kg | 3.9    | mg/kg |
| RY358-A      | 10FC-RY358-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 9      | mg/kg |
| RY358-A      | 10FC-RY358-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | CALCIUM       | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 378    | mg/kg |
| RY358-A      | 10FC-RY358-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 4      | mg/kg |
| RY358-A      | 10FC-RY358-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | ALUMINUM      | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 4110   | mg/kg |
| RY358-A      | 10FC-RY358-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | IRON          | 10.0                | Y           |               |              |           | 10.0                | mg/kg | 5600   | mg/kg |
| RY358-A      | 10FC-RY358-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | LEAD          | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 2.6    | mg/kg |
| RY358-A      | 10FC-RY358-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1770   | mg/kg |
| RY358-A      | 10FC-RY358-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 143    | mg/kg |
| RY358-A      | 10FC-RY358-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | NICKEL        | 4.0                 | Y           | J             |              | J         | 4.0                 | mg/kg | 3.4    | mg/kg |
| RY358-A      | 10FC-RY358-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 892    | mg/kg |
| RY358-A      | 10FC-RY358-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | SILVER        | 1.0                 | N           | U             |              | U         | 1.0                 | mg/kg | 1.1    | mg/kg |
| RY358-A      | 10FC-RY358-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | SODIUM        | 500                 | Y           | J             | J            | J         | 500                 | mg/kg | 118    | mg/kg |
| RY358-A      | 10FC-RY358-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.8    | mg/kg |
| RY358-A      | 10FC-RY358-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | ANTIMONY      | 6.0                 | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 6.7    | mg/kg |
| RY358-A      | 10FC-RY358-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | ARSENIC       | 1.0                 | Y           | J             |              | J         | 1.0                 | mg/kg | 1.1    | mg/kg |
| RY358-A      | 10FC-RY358-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | BARIUM        | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 66.2   | mg/kg |
| RY358-A      | 10FC-RY358-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | BERYLLIUM     | 0.50                | N           | U             |              | U         | 0.50                | mg/kg | 0.56   | mg/kg |
| RY358-A      | 10FC-RY358-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | CADMIUM       | 0.50                | Y           | J             |              | J         | 0.50                | mg/kg | 0.031  | mg/kg |
| RY358-A      | 10FC-RY358-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | CHROMIUM      | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 3.6    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY358-A      | 10FC-RY358-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | COBALT        | 5.0           | Y           | J             | J            | J         | 5.0           | mg/kg | 1.9    | mg/kg |
| RY358-A      | 10FC-RY358-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | COPPER        | 2.5           | Y           | J-            | J-           |           | 2.5           | mg/kg | 3.7    | mg/kg |
| RY358-A      | 10FC-RY358-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | VANADIUM      | 5.0           | Y           |               |              |           | 5.0           | mg/kg | 7.9    | mg/kg |
| RY358-A      | 10FC-RY358-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | ZINC          | 6.0           | Y           |               |              |           | 6.0           | mg/kg | 14     | mg/kg |
| RY358-A      | 10FC-RY358-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | CALCIUM       | 500           | Y           |               |              |           | 500           | mg/kg | 710    | mg/kg |
| RY358-A      | 10FC-RY358-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | SELENIUM      | 3.5           | Y           | J             |              | J         | 3.5           | mg/kg | 0.42   | mg/kg |
| RY358-A      | 10FC-RY358-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | ALUMINUM      | 20.0          | Y           |               |              |           | 20.0          | mg/kg | 3100   | mg/kg |
| RY358-A      | 10FC-RY358-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | IRON          | 10.0          | Y           |               |              |           | 10.0          | mg/kg | 4450   | mg/kg |
| RY358-A      | 10FC-RY358-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | LEAD          | 1.0           | Y           |               |              |           | 1.0           | mg/kg | 2.4    | mg/kg |
| RY358-A      | 10FC-RY358-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | MAGNESIUM     | 500           | Y           |               |              |           | 500           | mg/kg | 1370   | mg/kg |
| RY358-A      | 10FC-RY358-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | MANGANESE     | 1.5           | Y           |               |              |           | 1.5           | mg/kg | 81.8   | mg/kg |
| RY358-A      | 10FC-RY358-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | NICKEL        | 4.0           | Y           | J             |              | J         | 4.0           | mg/kg | 2.8    | mg/kg |
| RY358-A      | 10FC-RY358-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | POTASSIUM     | 500           | Y           |               |              |           | 500           | mg/kg | 625    | mg/kg |
| RY358-A      | 10FC-RY358-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | SILVER        | 1.0           | N           | U             |              | U         | 1.0           | mg/kg | 1.1    | mg/kg |
| RY358-A      | 10FC-RY358-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | SODIUM        | 500           | Y           | J             | J            | J         | 500           | mg/kg | 85.4   | mg/kg |
| RY358-A      | 10FC-RY358-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5           | mg/kg | 2.8    | mg/kg |
| RY358-A      | 10FC-RY358-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | ANTIMONY      | 6.0           | N           | UJ            | UJ           | U         | 6.0           | mg/kg | 6.8    | mg/kg |
| RY358-A      | 10FC-RY358-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | ARSENIC       | 1.0           | Y           | J             |              | J         | 1.0           | mg/kg | 0.82   | mg/kg |
| RY358-A      | 10FC-RY358-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | BARIUM        | 20.0          | Y           |               |              |           | 20.0          | mg/kg | 48.8   | mg/kg |
| RY358-A      | 10FC-RY358-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | BERYLLIUM     | 0.50          | N           | U             |              | U         | 0.50          | mg/kg | 0.56   | mg/kg |
| RY358-A      | 10FC-RY358-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | CADMIUM       | 0.50          | Y           | J             |              | J         | 0.50          | mg/kg | 0.037  | mg/kg |
| RY358-A      | 10FC-RY358-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | CHROMIUM      | 1.0           | Y           |               |              |           | 1.0           | mg/kg | 2.8    | mg/kg |
| RY358-A      | 10FC-RY358-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | COBALT        | 5.0           | Y           | J             | J            | J         | 5.0           | mg/kg | 1.5    | mg/kg |
| RY358-A      | 10FC-RY358-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | COPPER        | 2.5           | Y           | J-            | J-           |           | 2.5           | mg/kg | 3.5    | mg/kg |
| RY358-A      | 10FC-RY358-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | VANADIUM      | 5.0           | Y           |               |              |           | 5.0           | mg/kg | 6.5    | mg/kg |
| RY358-A      | 10FC-RY358-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | ZINC          | 6.0           | Y           |               |              |           | 6.0           | mg/kg | 10.7   | mg/kg |
| RY358-A      | 10FC-RY358-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | CALCIUM       | 500           | Y           |               |              |           | 500           | mg/kg | 614    | mg/kg |
| RY358-A      | 10FC-RY358-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | SELENIUM      | 3.5           | N           | U             |              | U         | 3.5           | mg/kg | 3.9    | mg/kg |
| RY358-B      | 10FC-RY358-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | ALUMINUM      | 20.0          | Y           |               |              |           | 20.0          | mg/kg | 2140   | mg/kg |
| RY358-B      | 10FC-RY358-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | IRON          | 10.0          | Y           |               |              |           | 10.0          | mg/kg | 3390   | mg/kg |
| RY358-B      | 10FC-RY358-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | LEAD          | 1.0           | Y           |               |              |           | 1.0           | mg/kg | 1.9    | mg/kg |
| RY358-B      | 10FC-RY358-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | MAGNESIUM     | 500           | Y           |               |              |           | 500           | mg/kg | 1040   | mg/kg |
| RY358-B      | 10FC-RY358-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | MANGANESE     | 1.5           | Y           |               |              |           | 1.5           | mg/kg | 131    | mg/kg |
| RY358-B      | 10FC-RY358-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | NICKEL        | 4.0           | Y           | J             |              | J         | 4.0           | mg/kg | 2.2    | mg/kg |
| RY358-B      | 10FC-RY358-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | POTASSIUM     | 500           | Y           | J             |              | J         | 500           | mg/kg | 523    | mg/kg |
| RY358-B      | 10FC-RY358-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | SILVER        | 1.0           | N           | U             |              | U         | 1.0           | mg/kg | 1.1    | mg/kg |
| RY358-B      | 10FC-RY358-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | SODIUM        | 500           | Y           | J             | J            | J         | 500           | mg/kg | 71.5   | mg/kg |
| RY358-B      | 10FC-RY358-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5           | mg/kg | 2.7    | mg/kg |
| RY358-B      | 10FC-RY358-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | ANTIMONY      | 6.0           | N           | UJ            | UJ           | U         | 6.0           | mg/kg | 6.5    | mg/kg |
| RY358-B      | 10FC-RY358-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | ARSENIC       | 1.0           | Y           | J             |              | J         | 1.0           | mg/kg | 0.66   | mg/kg |
| RY358-B      | 10FC-RY358-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | BARIUM        | 20.0          | Y           |               |              |           | 20.0          | mg/kg | 36.6   | mg/kg |
| RY358-B      | 10FC-RY358-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | BERYLLIUM     | 0.50          | N           | U             |              | U         | 0.50          | mg/kg | 0.54   | mg/kg |
| RY358-B      | 10FC-RY358-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | CADMIUM       | 0.50          | Y           | J             |              | J         | 0.50          | mg/kg | 0.032  | mg/kg |
| RY358-B      | 10FC-RY358-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | CHROMIUM      | 1.0           | Y           |               |              |           | 1.0           | mg/kg | 2.2    | mg/kg |
| RY358-B      | 10FC-RY358-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | COBALT        | 5.0           | Y           | J             | J            | J         | 5.0           | mg/kg | 1.3    | mg/kg |
| RY358-B      | 10FC-RY358-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | COPPER        | 2.5           | Y           | J-            | J-           | J         | 2.5           | mg/kg | 1.7    | mg/kg |
| RY358-B      | 10FC-RY358-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | VANADIUM      | 5.0           | Y           | J             |              | J         | 5.0           | mg/kg | 5.1    | mg/kg |
| RY358-B      | 10FC-RY358-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | ZINC          | 6.0           | Y           |               |              |           | 6.0           | mg/kg | 11.7   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY358-B      | 10FC-RY358-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | CALCIUM       | 500           | Y           | J             |              | J         | 500           | mg/kg | 439    | mg/kg |
| RY358-B      | 10FC-RY358-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | SELENIUM      | 3.5           | N           | U             |              | U         | 3.5           | mg/kg | 3.8    | mg/kg |
| RY358-B      | 10FC-RY358-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | ALUMINUM      | 20.0          | Y           |               |              |           | 20.0          | mg/kg | 3420   | mg/kg |
| RY358-B      | 10FC-RY358-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | IRON          | 10.0          | Y           |               |              |           | 10.0          | mg/kg | 5390   | mg/kg |
| RY358-B      | 10FC-RY358-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | LEAD          | 1.0           | Y           |               |              |           | 1.0           | mg/kg | 2.4    | mg/kg |
| RY358-B      | 10FC-RY358-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | MAGNESIUM     | 500           | Y           |               |              |           | 500           | mg/kg | 1590   | mg/kg |
| RY358-B      | 10FC-RY358-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | MANGANESE     | 1.5           | Y           |               |              |           | 1.5           | mg/kg | 220    | mg/kg |
| RY358-B      | 10FC-RY358-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | NICKEL        | 4.0           | Y           | J             |              | J         | 4.0           | mg/kg | 3      | mg/kg |
| RY358-B      | 10FC-RY358-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | POTASSIUM     | 500           | Y           |               |              |           | 500           | mg/kg | 760    | mg/kg |
| RY358-B      | 10FC-RY358-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | SILVER        | 1.0           | N           | U             |              | U         | 1.0           | mg/kg | 1.1    | mg/kg |
| RY358-B      | 10FC-RY358-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | SODIUM        | 500           | Y           | J             | J            | J         | 500           | mg/kg | 95     | mg/kg |
| RY358-B      | 10FC-RY358-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5           | mg/kg | 2.9    | mg/kg |
| RY358-B      | 10FC-RY358-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | ANTIMONY      | 6.0           | N           | UJ            | UJ           | U         | 6.0           | mg/kg | 6.9    | mg/kg |
| RY358-B      | 10FC-RY358-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | ARSENIC       | 1.0           | Y           |               |              |           | 1.0           | mg/kg | 1.2    | mg/kg |
| RY358-B      | 10FC-RY358-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | BARIUM        | 20.0          | Y           |               |              |           | 20.0          | mg/kg | 61.3   | mg/kg |
| RY358-B      | 10FC-RY358-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | BERYLLIUM     | 0.50          | N           | U             |              | U         | 0.50          | mg/kg | 0.57   | mg/kg |
| RY358-B      | 10FC-RY358-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | CADMIUM       | 0.50          | N           | U             |              | U         | 0.50          | mg/kg | 0.57   | mg/kg |
| RY358-B      | 10FC-RY358-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | CHROMIUM      | 1.0           | Y           |               |              |           | 1.0           | mg/kg | 3.3    | mg/kg |
| RY358-B      | 10FC-RY358-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | COBALT        | 5.0           | Y           | J             | J            | J         | 5.0           | mg/kg | 1.9    | mg/kg |
| RY358-B      | 10FC-RY358-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | COPPER        | 2.5           | Y           | J-            | J-           | J         | 2.5           | mg/kg | 2.8    | mg/kg |
| RY358-B      | 10FC-RY358-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | VANADIUM      | 5.0           | Y           |               |              |           | 5.0           | mg/kg | 7.4    | mg/kg |
| RY358-B      | 10FC-RY358-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | ZINC          | 6.0           | Y           |               |              |           | 6.0           | mg/kg | 16.3   | mg/kg |
| RY358-B      | 10FC-RY358-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | CALCIUM       | 500           | Y           |               |              |           | 500           | mg/kg | 676    | mg/kg |
| RY358-B      | 10FC-RY358-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | SELENIUM      | 3.5           | Y           | J             |              | J         | 3.5           | mg/kg | 0.55   | mg/kg |
| RY358-B      | 10FC-RY358-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | ALUMINUM      | 20.0          | Y           |               |              |           | 20.0          | mg/kg | 3070   | mg/kg |
| RY358-B      | 10FC-RY358-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | IRON          | 10.0          | Y           |               |              |           | 10.0          | mg/kg | 4810   | mg/kg |
| RY358-B      | 10FC-RY358-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | LEAD          | 1.0           | Y           |               |              |           | 1.0           | mg/kg | 2.2    | mg/kg |
| RY358-B      | 10FC-RY358-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | MAGNESIUM     | 500           | Y           |               |              |           | 500           | mg/kg | 1470   | mg/kg |
| RY358-B      | 10FC-RY358-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | MANGANESE     | 1.5           | Y           |               |              |           | 1.5           | mg/kg | 262    | mg/kg |
| RY358-B      | 10FC-RY358-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | NICKEL        | 4.0           | Y           | J             |              | J         | 4.0           | mg/kg | 3.1    | mg/kg |
| RY358-B      | 10FC-RY358-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | POTASSIUM     | 500           | Y           |               |              |           | 500           | mg/kg | 639    | mg/kg |
| RY358-B      | 10FC-RY358-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | SILVER        | 1.0           | N           | U             |              | U         | 1.0           | mg/kg | 1.1    | mg/kg |
| RY358-B      | 10FC-RY358-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | SODIUM        | 500           | Y           | J             | J            | J         | 500           | mg/kg | 84.6   | mg/kg |
| RY358-B      | 10FC-RY358-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5           | mg/kg | 2.7    | mg/kg |
| RY358-B      | 10FC-RY358-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | ANTIMONY      | 6.0           | N           | UJ            | UJ           | U         | 6.0           | mg/kg | 6.5    | mg/kg |
| RY358-B      | 10FC-RY358-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | ARSENIC       | 1.0           | Y           | J             |              | J         | 1.0           | mg/kg | 0.85   | mg/kg |
| RY358-B      | 10FC-RY358-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | BARIUM        | 20.0          | Y           |               |              |           | 20.0          | mg/kg | 55.8   | mg/kg |
| RY358-B      | 10FC-RY358-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | BERYLLIUM     | 0.50          | N           | U             |              | U         | 0.50          | mg/kg | 0.54   | mg/kg |
| RY358-B      | 10FC-RY358-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | CADMIUM       | 0.50          | N           | U             |              | U         | 0.50          | mg/kg | 0.54   | mg/kg |
| RY358-B      | 10FC-RY358-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | CHROMIUM      | 1.0           | Y           |               |              |           | 1.0           | mg/kg | 3.1    | mg/kg |
| RY358-B      | 10FC-RY358-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | COBALT        | 5.0           | Y           | J             | J            | J         | 5.0           | mg/kg | 1.8    | mg/kg |
| RY358-B      | 10FC-RY358-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | COPPER        | 2.5           | Y           | J-            | J-           | J         | 2.5           | mg/kg | 2.2    | mg/kg |
| RY358-B      | 10FC-RY358-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | VANADIUM      | 5.0           | Y           |               |              |           | 5.0           | mg/kg | 6.8    | mg/kg |
| RY358-B      | 10FC-RY358-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | ZINC          | 6.0           | Y           |               |              |           | 6.0           | mg/kg | 17.5   | mg/kg |
| RY358-B      | 10FC-RY358-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | CALCIUM       | 500           | Y           |               |              |           | 500           | mg/kg | 539    | mg/kg |
| RY358-B      | 10FC-RY358-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | SELENIUM      | 3.5           | Y           | J             |              | J         | 3.5           | mg/kg | 0.39   | mg/kg |
| RY370-A      | 10FC-RY370-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | ALUMINUM      | 20.0          | Y           |               |              |           | 20.0          | mg/kg | 2170   | mg/kg |
| RY370-A      | 10FC-RY370-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | IRON          | 10.0          | Y           |               |              |           | 10.0          | mg/kg | 2490   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY370-A      | 10FC-RY370-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | LEAD          | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 4      | mg/kg |
| RY370-A      | 10FC-RY370-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 887    | mg/kg |
| RY370-A      | 10FC-RY370-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 93.2   | mg/kg |
| RY370-A      | 10FC-RY370-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | NICKEL        | 4.0                 | Y           | J             |              | J         | 4.0                 | mg/kg | 2.8    | mg/kg |
| RY370-A      | 10FC-RY370-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | POTASSIUM     | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 349    | mg/kg |
| RY370-A      | 10FC-RY370-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | SILVER        | 1.0                 | Y           | J             |              | J         | 1.0                 | mg/kg | 0.18   | mg/kg |
| RY370-A      | 10FC-RY370-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | SODIUM        | 500                 | Y           | J             | J            | J         | 500                 | mg/kg | 62.6   | mg/kg |
| RY370-A      | 10FC-RY370-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | THALLIUM      | 2.5                 | Y           | J             |              | J         | 2.5                 | mg/kg | 1.4    | mg/kg |
| RY370-A      | 10FC-RY370-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | ANTIMONY      | 6.0                 | Y           | J             | J            | J         | 6.0                 | mg/kg | 1.4    | mg/kg |
| RY370-A      | 10FC-RY370-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | ARSENIC       | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 2.6    | mg/kg |
| RY370-A      | 10FC-RY370-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | BARIUM        | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 30.4   | mg/kg |
| RY370-A      | 10FC-RY370-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | BERYLLIUM     | 0.50                | Y           | J             |              | J         | 0.50                | mg/kg | 0.022  | mg/kg |
| RY370-A      | 10FC-RY370-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | CADMIUM       | 0.50                | Y           |               |              |           | 0.50                | mg/kg | 0.81   | mg/kg |
| RY370-A      | 10FC-RY370-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | CHROMIUM      | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 1.5    | mg/kg |
| RY370-A      | 10FC-RY370-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | COBALT        | 5.0                 | Y           | J             | J            | J         | 5.0                 | mg/kg | 1.5    | mg/kg |
| RY370-A      | 10FC-RY370-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | COPPER        | 2.5                 | Y           | J-            | J-           |           | 2.5                 | mg/kg | 3.5    | mg/kg |
| RY370-A      | 10FC-RY370-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | VANADIUM      | 5.0                 | Y           | J             |              | J         | 5.0                 | mg/kg | 3.4    | mg/kg |
| RY370-A      | 10FC-RY370-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 8.4    | mg/kg |
| RY370-A      | 10FC-RY370-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 810    | mg/kg |
| RY370-A      | 10FC-RY370-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 1.8    | mg/kg |
| RY370-A      | 10FC-RY370-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | ALUMINUM      | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 3500   | mg/kg |
| RY370-A      | 10FC-RY370-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | IRON          | 10.0                | Y           |               |              |           | 10.0                | mg/kg | 4240   | mg/kg |
| RY370-A      | 10FC-RY370-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | LEAD          | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 3.1    | mg/kg |
| RY370-A      | 10FC-RY370-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1280   | mg/kg |
| RY370-A      | 10FC-RY370-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 142    | mg/kg |
| RY370-A      | 10FC-RY370-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | NICKEL        | 4.0                 | Y           | J             |              | J         | 4.0                 | mg/kg | 3.3    | mg/kg |
| RY370-A      | 10FC-RY370-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | POTASSIUM     | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 471    | mg/kg |
| RY370-A      | 10FC-RY370-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | SILVER        | 1.0                 | N           | U             |              | U         | 1.0                 | mg/kg | 1.3    | mg/kg |
| RY370-A      | 10FC-RY370-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | SODIUM        | 500                 | Y           | J             | J            | J         | 500                 | mg/kg | 77.4   | mg/kg |
| RY370-A      | 10FC-RY370-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 3.2    | mg/kg |
| RY370-A      | 10FC-RY370-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | ANTIMONY      | 6.0                 | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 7.6    | mg/kg |
| RY370-A      | 10FC-RY370-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | ARSENIC       | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 2      | mg/kg |
| RY370-A      | 10FC-RY370-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | BARIUM        | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 42.5   | mg/kg |
| RY370-A      | 10FC-RY370-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | BERYLLIUM     | 0.50                | N           | U             |              | U         | 0.50                | mg/kg | 0.64   | mg/kg |
| RY370-A      | 10FC-RY370-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | CADMIUM       | 0.50                | N           | U             |              | U         | 0.50                | mg/kg | 0.64   | mg/kg |
| RY370-A      | 10FC-RY370-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | CHROMIUM      | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 1.8    | mg/kg |
| RY370-A      | 10FC-RY370-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | COBALT        | 5.0                 | Y           | J             | J            | J         | 5.0                 | mg/kg | 1.4    | mg/kg |
| RY370-A      | 10FC-RY370-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | COPPER        | 2.5                 | Y           | J-            | J-           |           | 2.5                 | mg/kg | 5.3    | mg/kg |
| RY370-A      | 10FC-RY370-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | VANADIUM      | 5.0                 | Y           | J             |              | J         | 5.0                 | mg/kg | 3.6    | mg/kg |
| RY370-A      | 10FC-RY370-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 11.2   | mg/kg |
| RY370-A      | 10FC-RY370-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 797    | mg/kg |
| RY370-A      | 10FC-RY370-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 4.5    | mg/kg |
| RY370-A      | 10FC-RY370-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | ALUMINUM      | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 3790   | mg/kg |
| RY370-A      | 10FC-RY370-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | IRON          | 10.0                | Y           |               |              |           | 10.0                | mg/kg | 5210   | mg/kg |
| RY370-A      | 10FC-RY370-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | LEAD          | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 4.6    | mg/kg |
| RY370-A      | 10FC-RY370-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1880   | mg/kg |
| RY370-A      | 10FC-RY370-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 181    | mg/kg |
| RY370-A      | 10FC-RY370-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | NICKEL        | 4.0                 | Y           | J             |              | J         | 4.0                 | mg/kg | 3.9    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY370-A      | 10FC-RY370-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | POTASSIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 715    | mg/kg |
| RY370-A      | 10FC-RY370-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | SILVER        | 1.0           | N           | U             |              | U         | 1.0                 | mg/kg | 1.2    | mg/kg |
| RY370-A      | 10FC-RY370-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | SODIUM        | 500           | Y           | J             | J            | J         | 500                 | mg/kg | 84.2   | mg/kg |
| RY370-A      | 10FC-RY370-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.9    | mg/kg |
| RY370-A      | 10FC-RY370-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | ANTIMONY      | 6.0           | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 7.1    | mg/kg |
| RY370-A      | 10FC-RY370-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | ARSENIC       | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 2.1    | mg/kg |
| RY370-A      | 10FC-RY370-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | BARIUM        | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 46.2   | mg/kg |
| RY370-A      | 10FC-RY370-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | BERYLLIUM     | 0.50          | N           | U             |              | U         | 0.50                | mg/kg | 0.59   | mg/kg |
| RY370-A      | 10FC-RY370-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | CADMIUM       | 0.50          | N           | U             |              | U         | 0.50                | mg/kg | 0.59   | mg/kg |
| RY370-A      | 10FC-RY370-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | CHROMIUM      | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 2.3    | mg/kg |
| RY370-A      | 10FC-RY370-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | COBALT        | 5.0           | Y           | J             | J            | J         | 5.0                 | mg/kg | 2      | mg/kg |
| RY370-A      | 10FC-RY370-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | COPPER        | 2.5           | Y           | J-            | J-           |           | 2.5                 | mg/kg | 6      | mg/kg |
| RY370-A      | 10FC-RY370-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | VANADIUM      | 5.0           | Y           | J             |              | J         | 5.0                 | mg/kg | 4.5    | mg/kg |
| RY370-A      | 10FC-RY370-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | ZINC          | 6.0           | Y           |               |              |           | 6.0                 | mg/kg | 12.9   | mg/kg |
| RY370-A      | 10FC-RY370-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | CALCIUM       | 500           | Y           |               |              |           | 500                 | mg/kg | 1180   | mg/kg |
| RY370-A      | 10FC-RY370-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | SELENIUM      | 3.5           | Y           | J             |              | J         | 3.5                 | mg/kg | 0.44   | mg/kg |
| RY370-B      | 10FC-RY370-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | ALUMINUM      | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 2430   | mg/kg |
| RY370-B      | 10FC-RY370-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | IRON          | 10.0          | Y           |               |              |           | 10.0                | mg/kg | 4270   | mg/kg |
| RY370-B      | 10FC-RY370-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | LEAD          | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 5      | mg/kg |
| RY370-B      | 10FC-RY370-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | MAGNESIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 1930   | mg/kg |
| RY370-B      | 10FC-RY370-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | MANGANESE     | 1.5           | Y           |               |              |           | 1.5                 | mg/kg | 116    | mg/kg |
| RY370-B      | 10FC-RY370-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | NICKEL        | 4.0           | Y           | J             |              | J         | 4.0                 | mg/kg | 3.6    | mg/kg |
| RY370-B      | 10FC-RY370-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | POTASSIUM     | 500           | Y           | J             |              | J         | 500                 | mg/kg | 512    | mg/kg |
| RY370-B      | 10FC-RY370-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | SILVER        | 1.0           | N           | U             |              | U         | 1.0                 | mg/kg | 1.3    | mg/kg |
| RY370-B      | 10FC-RY370-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | SODIUM        | 500           | Y           | J             | J            | J         | 500                 | mg/kg | 72.8   | mg/kg |
| RY370-B      | 10FC-RY370-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 3.1    | mg/kg |
| RY370-B      | 10FC-RY370-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | ANTIMONY      | 6.0           | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 7.5    | mg/kg |
| RY370-B      | 10FC-RY370-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | ARSENIC       | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 2.2    | mg/kg |
| RY370-B      | 10FC-RY370-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | BARIUM        | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 27.6   | mg/kg |
| RY370-B      | 10FC-RY370-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | BERYLLIUM     | 0.50          | N           | U             |              | U         | 0.50                | mg/kg | 0.63   | mg/kg |
| RY370-B      | 10FC-RY370-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | CADMIUM       | 0.50          | Y           | J             |              | J         | 0.50                | mg/kg | 0.017  | mg/kg |
| RY370-B      | 10FC-RY370-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | CHROMIUM      | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 1.9    | mg/kg |
| RY370-B      | 10FC-RY370-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | COBALT        | 5.0           | Y           | J             | J            | J         | 5.0                 | mg/kg | 3.1    | mg/kg |
| RY370-B      | 10FC-RY370-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | COPPER        | 2.5           | Y           | J-            | J-           |           | 2.5                 | mg/kg | 4.1    | mg/kg |
| RY370-B      | 10FC-RY370-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | VANADIUM      | 5.0           | Y           | J             |              | J         | 5.0                 | mg/kg | 3.5    | mg/kg |
| RY370-B      | 10FC-RY370-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | ZINC          | 6.0           | Y           |               |              |           | 6.0                 | mg/kg | 11.6   | mg/kg |
| RY370-B      | 10FC-RY370-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | CALCIUM       | 500           | Y           |               |              |           | 500                 | mg/kg | 1270   | mg/kg |
| RY370-B      | 10FC-RY370-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | SELENIUM      | 3.5           | Y           | J             |              | J         | 3.5                 | mg/kg | 0.52   | mg/kg |
| RY370-B      | 10FC-RY370-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | ALUMINUM      | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 2060   | mg/kg |
| RY370-B      | 10FC-RY370-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | IRON          | 10.0          | Y           |               |              |           | 10.0                | mg/kg | 3680   | mg/kg |
| RY370-B      | 10FC-RY370-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | LEAD          | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 2.7    | mg/kg |
| RY370-B      | 10FC-RY370-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | MAGNESIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 1310   | mg/kg |
| RY370-B      | 10FC-RY370-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | MANGANESE     | 1.5           | Y           |               |              |           | 1.5                 | mg/kg | 100    | mg/kg |
| RY370-B      | 10FC-RY370-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | NICKEL        | 4.0           | Y           | J             |              | J         | 4.0                 | mg/kg | 3.1    | mg/kg |
| RY370-B      | 10FC-RY370-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | POTASSIUM     | 500           | Y           | J             |              | J         | 500                 | mg/kg | 433    | mg/kg |
| RY370-B      | 10FC-RY370-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | SILVER        | 1.0           | N           | U             |              | U         | 1.0                 | mg/kg | 1.3    | mg/kg |
| RY370-B      | 10FC-RY370-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | SODIUM        | 500           | Y           | J             | J            | J         | 500                 | mg/kg | 62.6   | mg/kg |
| RY370-B      | 10FC-RY370-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 3.2    | mg/kg |

## Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY370-B      | 10FC-RY370-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | ANTIMONY      | 6.0           | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 7.6    | mg/kg |
| RY370-B      | 10FC-RY370-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | ARSENIC       | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 1.4    | mg/kg |
| RY370-B      | 10FC-RY370-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | BARIUM        | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 30     | mg/kg |
| RY370-B      | 10FC-RY370-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | BERYLLIUM     | 0.50          | N           | U             |              | U         | 0.50                | mg/kg | 0.64   | mg/kg |
| RY370-B      | 10FC-RY370-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | CADMIUM       | 0.50          | N           | U             |              | U         | 0.50                | mg/kg | 0.64   | mg/kg |
| RY370-B      | 10FC-RY370-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | CHROMIUM      | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 1.6    | mg/kg |
| RY370-B      | 10FC-RY370-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | COBALT        | 5.0           | Y           | J             | J            | J         | 5.0                 | mg/kg | 1.3    | mg/kg |
| RY370-B      | 10FC-RY370-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | COPPER        | 2.5           | Y           | J-            | J-           |           | 2.5                 | mg/kg | 3.6    | mg/kg |
| RY370-B      | 10FC-RY370-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | VANADIUM      | 5.0           | Y           | J             |              | J         | 5.0                 | mg/kg | 3.2    | mg/kg |
| RY370-B      | 10FC-RY370-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | ZINC          | 6.0           | Y           |               |              |           | 6.0                 | mg/kg | 8      | mg/kg |
| RY370-B      | 10FC-RY370-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | CALCIUM       | 500           | Y           |               |              |           | 500                 | mg/kg | 746    | mg/kg |
| RY370-B      | 10FC-RY370-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | SELENIUM      | 3.5           | N           | U             |              | U         | 3.5                 | mg/kg | 4.5    | mg/kg |
| RY370-B      | 10FC-RY370-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | ALUMINUM      | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 1820   | mg/kg |
| RY370-B      | 10FC-RY370-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | IRON          | 10.0          | Y           |               |              |           | 10.0                | mg/kg | 3240   | mg/kg |
| RY370-B      | 10FC-RY370-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | LEAD          | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 2.8    | mg/kg |
| RY370-B      | 10FC-RY370-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | MAGNESIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 1190   | mg/kg |
| RY370-B      | 10FC-RY370-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | MANGANESE     | 1.5           | Y           |               |              |           | 1.5                 | mg/kg | 110    | mg/kg |
| RY370-B      | 10FC-RY370-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | NICKEL        | 4.0           | Y           | J             |              | J         | 4.0                 | mg/kg | 2.9    | mg/kg |
| RY370-B      | 10FC-RY370-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | POTASSIUM     | 500           | Y           | J             |              | J         | 500                 | mg/kg | 401    | mg/kg |
| RY370-B      | 10FC-RY370-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | SILVER        | 1.0           | N           | U             |              | U         | 1.0                 | mg/kg | 1      | mg/kg |
| RY370-B      | 10FC-RY370-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | SODIUM        | 500           | Y           | J             | J            | J         | 500                 | mg/kg | 52.4   | mg/kg |
| RY370-B      | 10FC-RY370-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY370-B      | 10FC-RY370-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | ANTIMONY      | 6.0           | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 6.2    | mg/kg |
| RY370-B      | 10FC-RY370-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | ARSENIC       | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 1.9    | mg/kg |
| RY370-B      | 10FC-RY370-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | BARIUM        | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 31.8   | mg/kg |
| RY370-B      | 10FC-RY370-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | BERYLLIUM     | 0.50          | N           | U             |              | U         | 0.50                | mg/kg | 0.52   | mg/kg |
| RY370-B      | 10FC-RY370-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | CADMIUM       | 0.50          | N           | U             |              | U         | 0.50                | mg/kg | 0.52   | mg/kg |
| RY370-B      | 10FC-RY370-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | CHROMIUM      | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 1.4    | mg/kg |
| RY370-B      | 10FC-RY370-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | COBALT        | 5.0           | Y           | J             | J            | J         | 5.0                 | mg/kg | 1.4    | mg/kg |
| RY370-B      | 10FC-RY370-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | COPPER        | 2.5           | Y           | J-            | J-           |           | 2.5                 | mg/kg | 3.7    | mg/kg |
| RY370-B      | 10FC-RY370-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | VANADIUM      | 5.0           | Y           | J             |              | J         | 5.0                 | mg/kg | 2.5    | mg/kg |
| RY370-B      | 10FC-RY370-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | ZINC          | 6.0           | Y           |               |              |           | 6.0                 | mg/kg | 9.4    | mg/kg |
| RY370-B      | 10FC-RY370-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | CALCIUM       | 500           | Y           |               |              |           | 500                 | mg/kg | 729    | mg/kg |
| RY370-B      | 10FC-RY370-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | SELENIUM      | 3.5           | N           | U             |              | U         | 3.5                 | mg/kg | 3.6    | mg/kg |
| RY370-C      | 10FC-RY370-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | ALUMINUM      | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 2790   | mg/kg |
| RY370-C      | 10FC-RY370-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | IRON          | 10.0          | Y           |               |              |           | 10.0                | mg/kg | 5140   | mg/kg |
| RY370-C      | 10FC-RY370-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | LEAD          | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 6.1    | mg/kg |
| RY370-C      | 10FC-RY370-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | MAGNESIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 2210   | mg/kg |
| RY370-C      | 10FC-RY370-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | MANGANESE     | 1.5           | Y           |               |              |           | 1.5                 | mg/kg | 171    | mg/kg |
| RY370-C      | 10FC-RY370-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | NICKEL        | 4.0           | Y           |               |              |           | 4.0                 | mg/kg | 4.4    | mg/kg |
| RY370-C      | 10FC-RY370-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | POTASSIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 629    | mg/kg |
| RY370-C      | 10FC-RY370-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | SILVER        | 1.0           | N           | U             |              | U         | 1.0                 | mg/kg | 1      | mg/kg |
| RY370-C      | 10FC-RY370-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | SODIUM        | 500           | Y           | J             | J            | J         | 500                 | mg/kg | 84.7   | mg/kg |
| RY370-C      | 10FC-RY370-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.5    | mg/kg |
| RY370-C      | 10FC-RY370-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | ANTIMONY      | 6.0           | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 6.1    | mg/kg |
| RY370-C      | 10FC-RY370-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | ARSENIC       | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 2.6    | mg/kg |
| RY370-C      | 10FC-RY370-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | BARIUM        | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 33.6   | mg/kg |
| RY370-C      | 10FC-RY370-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | BERYLLIUM     | 0.50          | N           | U             |              | U         | 0.50                | mg/kg | 0.51   | mg/kg |



Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY370-C      | 10FC-RY370-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | CADMIUM       | 0.50                | Y           | J             |              | J         | 0.50                | mg/kg | 0.02   | mg/kg |
| RY370-C      | 10FC-RY370-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | CHROMIUM      | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 2.5    | mg/kg |
| RY370-C      | 10FC-RY370-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | COBALT        | 5.0                 | Y           | J             | J            | J         | 5.0                 | mg/kg | 2.6    | mg/kg |
| RY370-C      | 10FC-RY370-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | COPPER        | 2.5                 | Y           | J-            | J-           |           | 2.5                 | mg/kg | 12.4   | mg/kg |
| RY370-C      | 10FC-RY370-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | VANADIUM      | 5.0                 | Y           | J             |              | J         | 5.0                 | mg/kg | 4.2    | mg/kg |
| RY370-C      | 10FC-RY370-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 17.7   | mg/kg |
| RY370-C      | 10FC-RY370-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 1350   | mg/kg |
| RY370-C      | 10FC-RY370-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.5    | mg/kg |
| RY370-C      | 10FC-RY370-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | ALUMINUM      | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 2870   | mg/kg |
| RY370-C      | 10FC-RY370-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | IRON          | 10.0                | Y           |               |              |           | 10.0                | mg/kg | 5840   | mg/kg |
| RY370-C      | 10FC-RY370-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | LEAD          | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 6.3    | mg/kg |
| RY370-C      | 10FC-RY370-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2500   | mg/kg |
| RY370-C      | 10FC-RY370-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 136    | mg/kg |
| RY370-C      | 10FC-RY370-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | NICKEL        | 4.0                 | Y           |               |              |           | 4.0                 | mg/kg | 5.5    | mg/kg |
| RY370-C      | 10FC-RY370-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 580    | mg/kg |
| RY370-C      | 10FC-RY370-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | SILVER        | 1.0                 | N           | U             |              | U         | 1.0                 | mg/kg | 1.1    | mg/kg |
| RY370-C      | 10FC-RY370-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | SODIUM        | 500                 | Y           | J             | J            | J         | 500                 | mg/kg | 93     | mg/kg |
| RY370-C      | 10FC-RY370-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.8    | mg/kg |
| RY370-C      | 10FC-RY370-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | ANTIMONY      | 6.0                 | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 6.8    | mg/kg |
| RY370-C      | 10FC-RY370-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | ARSENIC       | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 3.5    | mg/kg |
| RY370-C      | 10FC-RY370-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | BARIUM        | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 26.7   | mg/kg |
| RY370-C      | 10FC-RY370-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | BERYLLIUM     | 0.50                | N           | U             |              | U         | 0.50                | mg/kg | 0.57   | mg/kg |
| RY370-C      | 10FC-RY370-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | CADMIUM       | 0.50                | Y           | J             |              | J         | 0.50                | mg/kg | 0.032  | mg/kg |
| RY370-C      | 10FC-RY370-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | CHROMIUM      | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 2.8    | mg/kg |
| RY370-C      | 10FC-RY370-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | COBALT        | 5.0                 | Y           | J             | J            | J         | 5.0                 | mg/kg | 3.1    | mg/kg |
| RY370-C      | 10FC-RY370-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | COPPER        | 2.5                 | Y           | J-            | J-           |           | 2.5                 | mg/kg | 14.2   | mg/kg |
| RY370-C      | 10FC-RY370-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | VANADIUM      | 5.0                 | Y           | J             |              | J         | 5.0                 | mg/kg | 4.1    | mg/kg |
| RY370-C      | 10FC-RY370-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 39.8   | mg/kg |
| RY370-C      | 10FC-RY370-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 1420   | mg/kg |
| RY370-C      | 10FC-RY370-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/25/2010    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 4      | mg/kg |
| RY374-D      | 10FC-RY374-D-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | ALUMINUM      | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 10300  | mg/kg |
| RY374-D      | 10FC-RY374-D-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | IRON          | 10.0                | Y           |               |              |           | 10.0                | mg/kg | 16100  | mg/kg |
| RY374-D      | 10FC-RY374-D-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | LEAD          | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 162    | mg/kg |
| RY374-D      | 10FC-RY374-D-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2880   | mg/kg |
| RY374-D      | 10FC-RY374-D-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 496    | mg/kg |
| RY374-D      | 10FC-RY374-D-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | NICKEL        | 4.0                 | Y           |               |              |           | 4.0                 | mg/kg | 9.3    | mg/kg |
| RY374-D      | 10FC-RY374-D-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1500   | mg/kg |
| RY374-D      | 10FC-RY374-D-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | SILVER        | 1.0                 | Y           | J             |              | J         | 1.0                 | mg/kg | 0.12   | mg/kg |
| RY374-D      | 10FC-RY374-D-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | SODIUM        | 500                 | Y           | UJ            | 500UJ        | J         | 500                 | mg/kg | 500    | mg/kg |
| RY374-D      | 10FC-RY374-D-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.9    | mg/kg |
| RY374-D      | 10FC-RY374-D-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | ANTIMONY      | 6.0                 | Y           | R             | 6UJ-R        | J         | 6.0                 | mg/kg | 6      | mg/kg |
| RY374-D      | 10FC-RY374-D-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | ARSENIC       | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 18.6   | mg/kg |
| RY374-D      | 10FC-RY374-D-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | BARIUM        | 20.0                | Y           | J-            | J-           |           | 20.0                | mg/kg | 164    | mg/kg |
| RY374-D      | 10FC-RY374-D-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | BERYLLIUM     | 0.50                | Y           | J             |              | J         | 0.50                | mg/kg | 0.22   | mg/kg |
| RY374-D      | 10FC-RY374-D-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | CADMIUM       | 0.50                | Y           |               |              |           | 0.50                | mg/kg | 2.7    | mg/kg |
| RY374-D      | 10FC-RY374-D-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | CHROMIUM      | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 8.7    | mg/kg |
| RY374-D      | 10FC-RY374-D-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | COBALT        | 5.0                 | Y           | J+            | J+           |           | 5.0                 | mg/kg | 6.3    | mg/kg |
| RY374-D      | 10FC-RY374-D-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | COPPER        | 2.5                 | Y           | J+            | J+           |           | 2.5                 | mg/kg | 21.4   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY374-D      | 10FC-RY374-D-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | VANADIUM      | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 16.7   | mg/kg |
| RY374-D      | 10FC-RY374-D-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 559    | mg/kg |
| RY374-D      | 10FC-RY374-D-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 3340   | mg/kg |
| RY374-D      | 10FC-RY374-D-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.61   | mg/kg |
| RY374-D      | 10FC-RY374-D-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | ALUMINUM      | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 5490   | mg/kg |
| RY374-D      | 10FC-RY374-D-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | IRON          | 10.0                | Y           |               |              |           | 10.0                | mg/kg | 7970   | mg/kg |
| RY374-D      | 10FC-RY374-D-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | LEAD          | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 110    | mg/kg |
| RY374-D      | 10FC-RY374-D-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1370   | mg/kg |
| RY374-D      | 10FC-RY374-D-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 264    | mg/kg |
| RY374-D      | 10FC-RY374-D-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | NICKEL        | 4.0                 | Y           |               |              |           | 4.0                 | mg/kg | 4.9    | mg/kg |
| RY374-D      | 10FC-RY374-D-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 783    | mg/kg |
| RY374-D      | 10FC-RY374-D-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | SILVER        | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 1.3    | mg/kg |
| RY374-D      | 10FC-RY374-D-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | SODIUM        | 500                 | Y           | UJ            | 500UJ        | J         | 500                 | mg/kg | 500    | mg/kg |
| RY374-D      | 10FC-RY374-D-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.9    | mg/kg |
| RY374-D      | 10FC-RY374-D-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | ANTIMONY      | 6.0                 | Y           | R             | 6UJ-R        | J         | 6.0                 | mg/kg | 6      | mg/kg |
| RY374-D      | 10FC-RY374-D-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | ARSENIC       | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 13     | mg/kg |
| RY374-D      | 10FC-RY374-D-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | BARIUM        | 20.0                | Y           | J-            | J-           |           | 20.0                | mg/kg | 93.8   | mg/kg |
| RY374-D      | 10FC-RY374-D-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | BERYLLIUM     | 0.50                | Y           | J             |              | J         | 0.50                | mg/kg | 0.094  | mg/kg |
| RY374-D      | 10FC-RY374-D-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | CADMIUM       | 0.50                | Y           |               |              |           | 0.50                | mg/kg | 1.5    | mg/kg |
| RY374-D      | 10FC-RY374-D-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | CHROMIUM      | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 3.8    | mg/kg |
| RY374-D      | 10FC-RY374-D-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | COBALT        | 5.0                 | Y           | J+            | J+           | J         | 5.0                 | mg/kg | 4      | mg/kg |
| RY374-D      | 10FC-RY374-D-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | COPPER        | 2.5                 | Y           | J+            | J+           |           | 2.5                 | mg/kg | 11.3   | mg/kg |
| RY374-D      | 10FC-RY374-D-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | VANADIUM      | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 8.2    | mg/kg |
| RY374-D      | 10FC-RY374-D-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 349    | mg/kg |
| RY374-D      | 10FC-RY374-D-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 1490   | mg/kg |
| RY374-D      | 10FC-RY374-D-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 4      | mg/kg |
| RY374-D      | 10FC-RY374-D-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | ALUMINUM      | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 6100   | mg/kg |
| RY374-D      | 10FC-RY374-D-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | IRON          | 10.0                | Y           |               |              |           | 10.0                | mg/kg | 8140   | mg/kg |
| RY374-D      | 10FC-RY374-D-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | LEAD          | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 160    | mg/kg |
| RY374-D      | 10FC-RY374-D-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2280   | mg/kg |
| RY374-D      | 10FC-RY374-D-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 301    | mg/kg |
| RY374-D      | 10FC-RY374-D-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | NICKEL        | 4.0                 | Y           |               |              |           | 4.0                 | mg/kg | 6.1    | mg/kg |
| RY374-D      | 10FC-RY374-D-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 853    | mg/kg |
| RY374-D      | 10FC-RY374-D-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | SILVER        | 1.0                 | N           | U             |              | U         | 1.0                 | mg/kg | 1.1    | mg/kg |
| RY374-D      | 10FC-RY374-D-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | SODIUM        | 500                 | Y           | UJ            | 500UJ        | J         | 500                 | mg/kg | 500    | mg/kg |
| RY374-D      | 10FC-RY374-D-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.9    | mg/kg |
| RY374-D      | 10FC-RY374-D-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | ANTIMONY      | 6.0                 | Y           | J-            | J-           |           | 6.0                 | mg/kg | 14.7   | mg/kg |
| RY374-D      | 10FC-RY374-D-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | ARSENIC       | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 9.7    | mg/kg |
| RY374-D      | 10FC-RY374-D-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | BARIUM        | 20.0                | Y           | J-            | J-           |           | 20.0                | mg/kg | 95.1   | mg/kg |
| RY374-D      | 10FC-RY374-D-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | BERYLLIUM     | 0.50                | Y           | J             |              | J         | 0.50                | mg/kg | 0.14   | mg/kg |
| RY374-D      | 10FC-RY374-D-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | CADMIUM       | 0.50                | Y           |               |              |           | 0.50                | mg/kg | 1.1    | mg/kg |
| RY374-D      | 10FC-RY374-D-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | CHROMIUM      | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 5.3    | mg/kg |
| RY374-D      | 10FC-RY374-D-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | COBALT        | 5.0                 | Y           | J+            | J+           | J         | 5.0                 | mg/kg | 3.6    | mg/kg |
| RY374-D      | 10FC-RY374-D-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | COPPER        | 2.5                 | Y           | J+            | J+           |           | 2.5                 | mg/kg | 15.2   | mg/kg |
| RY374-D      | 10FC-RY374-D-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | VANADIUM      | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 8.7    | mg/kg |
| RY374-D      | 10FC-RY374-D-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 313    | mg/kg |
| RY374-D      | 10FC-RY374-D-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 1560   | mg/kg |
| RY374-D      | 10FC-RY374-D-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 4      | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY374-E      | 10FC-RY374-E-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | ALUMINUM      | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 5090   | mg/kg |
| RY374-E      | 10FC-RY374-E-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | IRON          | 10.0                | Y           |               |              |           | 10.0                | mg/kg | 5990   | mg/kg |
| RY374-E      | 10FC-RY374-E-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | LEAD          | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 19.7   | mg/kg |
| RY374-E      | 10FC-RY374-E-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2340   | mg/kg |
| RY374-E      | 10FC-RY374-E-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 332    | mg/kg |
| RY374-E      | 10FC-RY374-E-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | NICKEL        | 4.0                 | Y           | J             |              | J         | 4.0                 | mg/kg | 4.8    | mg/kg |
| RY374-E      | 10FC-RY374-E-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2210   | mg/kg |
| RY374-E      | 10FC-RY374-E-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | SILVER        | 1.0                 | N           | U             |              | U         | 1.0                 | mg/kg | 1.3    | mg/kg |
| RY374-E      | 10FC-RY374-E-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | SODIUM        | 500                 | Y           | UJ            | 500UJ        | J         | 500                 | mg/kg | 500    | mg/kg |
| RY374-E      | 10FC-RY374-E-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 3.2    | mg/kg |
| RY374-E      | 10FC-RY374-E-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | ANTIMONY      | 6.0                 | Y           | R             | 6UJ-R        | J         | 6.0                 | mg/kg | 6      | mg/kg |
| RY374-E      | 10FC-RY374-E-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | ARSENIC       | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 3.1    | mg/kg |
| RY374-E      | 10FC-RY374-E-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | BARIUM        | 20.0                | Y           | J-            | J-           |           | 20.0                | mg/kg | 149    | mg/kg |
| RY374-E      | 10FC-RY374-E-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | BERYLLIUM     | 0.50                | Y           | J             |              | J         | 0.50                | mg/kg | 0.14   | mg/kg |
| RY374-E      | 10FC-RY374-E-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | CADMIUM       | 0.50                | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY374-E      | 10FC-RY374-E-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | CHROMIUM      | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 5.5    | mg/kg |
| RY374-E      | 10FC-RY374-E-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | COBALT        | 5.0                 | Y           | J+            | J+           | J         | 5.0                 | mg/kg | 3.2    | mg/kg |
| RY374-E      | 10FC-RY374-E-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | COPPER        | 2.5                 | Y           | J+            | J+           |           | 2.5                 | mg/kg | 57.3   | mg/kg |
| RY374-E      | 10FC-RY374-E-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | VANADIUM      | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 7.9    | mg/kg |
| RY374-E      | 10FC-RY374-E-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 202    | mg/kg |
| RY374-E      | 10FC-RY374-E-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 14900  | mg/kg |
| RY374-E      | 10FC-RY374-E-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.69   | mg/kg |
| RY374-E      | 10FC-RY374-E-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | ALUMINUM      | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 5070   | mg/kg |
| RY374-E      | 10FC-RY374-E-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | IRON          | 10.0                | Y           |               |              |           | 10.0                | mg/kg | 6040   | mg/kg |
| RY374-E      | 10FC-RY374-E-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | LEAD          | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 22.3   | mg/kg |
| RY374-E      | 10FC-RY374-E-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2200   | mg/kg |
| RY374-E      | 10FC-RY374-E-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 304    | mg/kg |
| RY374-E      | 10FC-RY374-E-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | NICKEL        | 4.0                 | Y           | J             |              | J         | 4.0                 | mg/kg | 4.6    | mg/kg |
| RY374-E      | 10FC-RY374-E-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2020   | mg/kg |
| RY374-E      | 10FC-RY374-E-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | SILVER        | 1.0                 | N           | U             |              | U         | 1.0                 | mg/kg | 1.3    | mg/kg |
| RY374-E      | 10FC-RY374-E-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | SODIUM        | 500                 | Y           | UJ            | 500UJ        | J         | 500                 | mg/kg | 500    | mg/kg |
| RY374-E      | 10FC-RY374-E-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 3.2    | mg/kg |
| RY374-E      | 10FC-RY374-E-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | ANTIMONY      | 6.0                 | Y           | R             | 6UJ-R        | J         | 6.0                 | mg/kg | 6      | mg/kg |
| RY374-E      | 10FC-RY374-E-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | ARSENIC       | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 3.1    | mg/kg |
| RY374-E      | 10FC-RY374-E-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | BARIUM        | 20.0                | Y           | J-            | J-           |           | 20.0                | mg/kg | 145    | mg/kg |
| RY374-E      | 10FC-RY374-E-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | BERYLLIUM     | 0.50                | Y           | J             |              | J         | 0.50                | mg/kg | 0.12   | mg/kg |
| RY374-E      | 10FC-RY374-E-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | CADMIUM       | 0.50                | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY374-E      | 10FC-RY374-E-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | CHROMIUM      | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 5      | mg/kg |
| RY374-E      | 10FC-RY374-E-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | COBALT        | 5.0                 | Y           | J+            | J+           | J         | 5.0                 | mg/kg | 3.2    | mg/kg |
| RY374-E      | 10FC-RY374-E-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | COPPER        | 2.5                 | Y           | J+            | J+           |           | 2.5                 | mg/kg | 56.2   | mg/kg |
| RY374-E      | 10FC-RY374-E-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | VANADIUM      | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 7.6    | mg/kg |
| RY374-E      | 10FC-RY374-E-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 175    | mg/kg |
| RY374-E      | 10FC-RY374-E-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 12000  | mg/kg |
| RY374-E      | 10FC-RY374-E-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.66   | mg/kg |
| RY374-E      | 10FC-RY374-E-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | ALUMINUM      | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 4220   | mg/kg |
| RY374-E      | 10FC-RY374-E-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | IRON          | 10.0                | Y           |               |              |           | 10.0                | mg/kg | 5050   | mg/kg |
| RY374-E      | 10FC-RY374-E-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | LEAD          | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 17.3   | mg/kg |
| RY374-E      | 10FC-RY374-E-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1780   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY374-E      | 10FC-RY374-E-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 208    | mg/kg |
| RY374-E      | 10FC-RY374-E-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | NICKEL        | 4.0                 | Y           | U             | 4U           | J         | 4.0                 | mg/kg | 4      | mg/kg |
| RY374-E      | 10FC-RY374-E-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1450   | mg/kg |
| RY374-E      | 10FC-RY374-E-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | SILVER        | 1.0                 | N           | U             |              | U         | 1.0                 | mg/kg | 1.3    | mg/kg |
| RY374-E      | 10FC-RY374-E-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | SODIUM        | 500                 | Y           | UJ            | 500UJ        | J         | 500                 | mg/kg | 500    | mg/kg |
| RY374-E      | 10FC-RY374-E-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 3.2    | mg/kg |
| RY374-E      | 10FC-RY374-E-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | ANTIMONY      | 6.0                 | Y           | R             | 6UJ-R        | J         | 6.0                 | mg/kg | 6      | mg/kg |
| RY374-E      | 10FC-RY374-E-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | ARSENIC       | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 2.3    | mg/kg |
| RY374-E      | 10FC-RY374-E-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | BARIUM        | 20.0                | Y           | J-            | J-           |           | 20.0                | mg/kg | 97.2   | mg/kg |
| RY374-E      | 10FC-RY374-E-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | BERYLLIUM     | 0.50                | Y           | J             |              | J         | 0.50                | mg/kg | 0.093  | mg/kg |
| RY374-E      | 10FC-RY374-E-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | CADMIUM       | 0.50                | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY374-E      | 10FC-RY374-E-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | CHROMIUM      | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 4.3    | mg/kg |
| RY374-E      | 10FC-RY374-E-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | COBALT        | 5.0                 | Y           | J+            | J+           | J         | 5.0                 | mg/kg | 2.6    | mg/kg |
| RY374-E      | 10FC-RY374-E-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | COPPER        | 2.5                 | Y           | J+            | J+           |           | 2.5                 | mg/kg | 38.5   | mg/kg |
| RY374-E      | 10FC-RY374-E-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | VANADIUM      | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 6.7    | mg/kg |
| RY374-E      | 10FC-RY374-E-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 114    | mg/kg |
| RY374-E      | 10FC-RY374-E-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 7960   | mg/kg |
| RY374-E      | 10FC-RY374-E-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.44   | mg/kg |
| RY391-A      | 10FC-RY391-A-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | ALUMINUM      | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 5810   | mg/kg |
| RY391-A      | 10FC-RY391-A-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | IRON          | 10.0                | Y           |               |              |           | 10.0                | mg/kg | 7200   | mg/kg |
| RY391-A      | 10FC-RY391-A-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | LEAD          | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 8.8    | mg/kg |
| RY391-A      | 10FC-RY391-A-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2520   | mg/kg |
| RY391-A      | 10FC-RY391-A-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 223    | mg/kg |
| RY391-A      | 10FC-RY391-A-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | NICKEL        | 4.0                 | Y           |               |              |           | 4.0                 | mg/kg | 5.5    | mg/kg |
| RY391-A      | 10FC-RY391-A-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1280   | mg/kg |
| RY391-A      | 10FC-RY391-A-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | SILVER        | 1.0                 | N           | U             |              | U         | 1.0                 | mg/kg | 1.2    | mg/kg |
| RY391-A      | 10FC-RY391-A-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | SODIUM        | 500                 | Y           | UJ            | 500UJ        | J         | 500                 | mg/kg | 500    | mg/kg |
| RY391-A      | 10FC-RY391-A-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 3      | mg/kg |
| RY391-A      | 10FC-RY391-A-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | ANTIMONY      | 6.0                 | Y           | R             | 6UJ-R        | J         | 6.0                 | mg/kg | 6      | mg/kg |
| RY391-A      | 10FC-RY391-A-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | ARSENIC       | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 2.2    | mg/kg |
| RY391-A      | 10FC-RY391-A-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | BARIUM        | 20.0                | Y           | J-            | J-           |           | 20.0                | mg/kg | 84.6   | mg/kg |
| RY391-A      | 10FC-RY391-A-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | BERYLLIUM     | 0.50                | Y           | J             |              | J         | 0.50                | mg/kg | 0.13   | mg/kg |
| RY391-A      | 10FC-RY391-A-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | CADMIUM       | 0.50                | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY391-A      | 10FC-RY391-A-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | CHROMIUM      | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 5.1    | mg/kg |
| RY391-A      | 10FC-RY391-A-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | COBALT        | 5.0                 | Y           | J+            | J+           | J         | 5.0                 | mg/kg | 4      | mg/kg |
| RY391-A      | 10FC-RY391-A-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | COPPER        | 2.5                 | Y           | J+            | J+           |           | 2.5                 | mg/kg | 10     | mg/kg |
| RY391-A      | 10FC-RY391-A-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | VANADIUM      | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 9.2    | mg/kg |
| RY391-A      | 10FC-RY391-A-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 40     | mg/kg |
| RY391-A      | 10FC-RY391-A-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 2530   | mg/kg |
| RY391-A      | 10FC-RY391-A-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 4.2    | mg/kg |
| RY391-A      | 10FC-RY391-A-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | ALUMINUM      | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 5250   | mg/kg |
| RY391-A      | 10FC-RY391-A-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | IRON          | 10.0                | Y           |               |              |           | 10.0                | mg/kg | 6760   | mg/kg |
| RY391-A      | 10FC-RY391-A-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | LEAD          | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 7.6    | mg/kg |
| RY391-A      | 10FC-RY391-A-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2370   | mg/kg |
| RY391-A      | 10FC-RY391-A-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 195    | mg/kg |
| RY391-A      | 10FC-RY391-A-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | NICKEL        | 4.0                 | Y           |               |              |           | 4.0                 | mg/kg | 5      | mg/kg |
| RY391-A      | 10FC-RY391-A-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1100   | mg/kg |
| RY391-A      | 10FC-RY391-A-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | SILVER        | 1.0                 | N           | U             |              | U         | 1.0                 | mg/kg | 1.2    | mg/kg |

## Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report | detect flag | interp. quals | valid. quals | lab quals | report | result | unit       |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|--------|-------------|---------------|--------------|-----------|--------|--------|------------|
|              |                     |             |             |             |           |            |                 |               |               | result |             |               |              |           | detect |        |            |
| RY391-A      | 10FC-RY391-A-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | SODIUM        | 500    | Y           | UJ            | 500UJ        | J         | 500    | mg/kg  | 500 mg/kg  |
| RY391-A      | 10FC-RY391-A-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | THALLIUM      | 2.5    | N           | U             |              | U         | 2.5    | mg/kg  | 3 mg/kg    |
| RY391-A      | 10FC-RY391-A-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | ANTIMONY      | 6.0    | Y           | R             | 6UJ-R        | J         | 6.0    | mg/kg  | 6 mg/kg    |
| RY391-A      | 10FC-RY391-A-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | ARSENIC       | 1.0    | Y           |               |              |           | 1.0    | mg/kg  | 1.7 mg/kg  |
| RY391-A      | 10FC-RY391-A-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | BARIUM        | 20.0   | Y           | J-            | J-           |           | 20.0   | mg/kg  | 73.9 mg/kg |
| RY391-A      | 10FC-RY391-A-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | BERYLLIUM     | 0.50   | Y           | J             |              | J         | 0.50   | mg/kg  | 0.13 mg/kg |
| RY391-A      | 10FC-RY391-A-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | CADMIUM       | 0.50   | Y           | U             | 0.5U         | J         | 0.50   | mg/kg  | 0.5 mg/kg  |
| RY391-A      | 10FC-RY391-A-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | CHROMIUM      | 1.0    | Y           |               |              |           | 1.0    | mg/kg  | 4.7 mg/kg  |
| RY391-A      | 10FC-RY391-A-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | COBALT        | 5.0    | Y           | J+            | J+           | J         | 5.0    | mg/kg  | 3.3 mg/kg  |
| RY391-A      | 10FC-RY391-A-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | COPPER        | 2.5    | Y           | J+            | J+           |           | 2.5    | mg/kg  | 8.7 mg/kg  |
| RY391-A      | 10FC-RY391-A-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | VANADIUM      | 5.0    | Y           |               |              |           | 5.0    | mg/kg  | 8.1 mg/kg  |
| RY391-A      | 10FC-RY391-A-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | ZINC          | 6.0    | Y           |               |              |           | 6.0    | mg/kg  | 32.1 mg/kg |
| RY391-A      | 10FC-RY391-A-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | CALCIUM       | 500    | Y           |               |              |           | 500    | mg/kg  | 2040 mg/kg |
| RY391-A      | 10FC-RY391-A-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | SELENIUM      | 3.5    | N           | U             |              | U         | 3.5    | mg/kg  | 4.2 mg/kg  |
| RY391-A      | 10FC-RY391-A-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | ALUMINUM      | 20.0   | Y           |               |              |           | 20.0   | mg/kg  | 7660 mg/kg |
| RY391-A      | 10FC-RY391-A-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | IRON          | 10.0   | Y           |               |              |           | 10.0   | mg/kg  | 8670 mg/kg |
| RY391-A      | 10FC-RY391-A-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | LEAD          | 1.0    | Y           |               |              |           | 1.0    | mg/kg  | 6.7 mg/kg  |
| RY391-A      | 10FC-RY391-A-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | MAGNESIUM     | 500    | Y           |               |              |           | 500    | mg/kg  | 2930 mg/kg |
| RY391-A      | 10FC-RY391-A-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | MANGANESE     | 1.5    | Y           |               |              |           | 1.5    | mg/kg  | 232 mg/kg  |
| RY391-A      | 10FC-RY391-A-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | NICKEL        | 4.0    | Y           |               |              |           | 4.0    | mg/kg  | 5.4 mg/kg  |
| RY391-A      | 10FC-RY391-A-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | POTASSIUM     | 500    | Y           |               |              |           | 500    | mg/kg  | 1470 mg/kg |
| RY391-A      | 10FC-RY391-A-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | SILVER        | 1.0    | N           | U             |              | U         | 1.0    | mg/kg  | 1.2 mg/kg  |
| RY391-A      | 10FC-RY391-A-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | SODIUM        | 500    | Y           | UJ            | 500UJ        | J         | 500    | mg/kg  | 500 mg/kg  |
| RY391-A      | 10FC-RY391-A-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | THALLIUM      | 2.5    | N           | U             |              | U         | 2.5    | mg/kg  | 2.9 mg/kg  |
| RY391-A      | 10FC-RY391-A-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | ANTIMONY      | 6.0    | N           | R             | R            | U         | 6.0    | mg/kg  | 7 mg/kg    |
| RY391-A      | 10FC-RY391-A-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | ARSENIC       | 1.0    | Y           |               |              |           | 1.0    | mg/kg  | 1.4 mg/kg  |
| RY391-A      | 10FC-RY391-A-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | BARIUM        | 20.0   | Y           | J-            | J-           |           | 20.0   | mg/kg  | 93.2 mg/kg |
| RY391-A      | 10FC-RY391-A-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | BERYLLIUM     | 0.50   | Y           | J             |              | J         | 0.50   | mg/kg  | 0.19 mg/kg |
| RY391-A      | 10FC-RY391-A-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | CADMIUM       | 0.50   | Y           | U             | 0.5U         | J         | 0.50   | mg/kg  | 0.5 mg/kg  |
| RY391-A      | 10FC-RY391-A-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | CHROMIUM      | 1.0    | Y           |               |              |           | 1.0    | mg/kg  | 6.1 mg/kg  |
| RY391-A      | 10FC-RY391-A-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | COBALT        | 5.0    | Y           | J+            | J+           | J         | 5.0    | mg/kg  | 3.5 mg/kg  |
| RY391-A      | 10FC-RY391-A-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | COPPER        | 2.5    | Y           | J+            | J+           |           | 2.5    | mg/kg  | 8.8 mg/kg  |
| RY391-A      | 10FC-RY391-A-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | VANADIUM      | 5.0    | Y           |               |              |           | 5.0    | mg/kg  | 10.6 mg/kg |
| RY391-A      | 10FC-RY391-A-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | ZINC          | 6.0    | Y           |               |              |           | 6.0    | mg/kg  | 29 mg/kg   |
| RY391-A      | 10FC-RY391-A-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | CALCIUM       | 500    | Y           |               |              |           | 500    | mg/kg  | 1980 mg/kg |
| RY391-A      | 10FC-RY391-A-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | SELENIUM      | 3.5    | Y           | J             |              | J         | 3.5    | mg/kg  | 0.53 mg/kg |
| RY391-B      | 10FC-RY391-B-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | ALUMINUM      | 20.0   | Y           |               |              |           | 20.0   | mg/kg  | 3510 mg/kg |
| RY391-B      | 10FC-RY391-B-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | IRON          | 10.0   | Y           |               |              |           | 10.0   | mg/kg  | 4410 mg/kg |
| RY391-B      | 10FC-RY391-B-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | LEAD          | 1.0    | Y           | J+            | J+           |           | 1.0    | mg/kg  | 12.2 mg/kg |
| RY391-B      | 10FC-RY391-B-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | MAGNESIUM     | 500    | Y           |               |              |           | 500    | mg/kg  | 1370 mg/kg |
| RY391-B      | 10FC-RY391-B-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | MANGANESE     | 1.5    | Y           |               |              |           | 1.5    | mg/kg  | 126 mg/kg  |
| RY391-B      | 10FC-RY391-B-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | NICKEL        | 4.0    | Y           | U             | 4U           | J         | 4.0    | mg/kg  | 4 mg/kg    |
| RY391-B      | 10FC-RY391-B-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | POTASSIUM     | 500    | Y           |               |              |           | 500    | mg/kg  | 867 mg/kg  |
| RY391-B      | 10FC-RY391-B-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | SILVER        | 1.0    | N           | U             |              | U         | 1.0    | mg/kg  | 1.2 mg/kg  |
| RY391-B      | 10FC-RY391-B-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | SODIUM        | 500    | Y           | UJ            | 500UJ        | J         | 500    | mg/kg  | 500 mg/kg  |
| RY391-B      | 10FC-RY391-B-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | THALLIUM      | 2.5    | N           | U             |              | U         | 2.5    | mg/kg  | 2.9 mg/kg  |
| RY391-B      | 10FC-RY391-B-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | ANTIMONY      | 6.0    | N           | R             | R            | U         | 6.0    | mg/kg  | 7 mg/kg    |
| RY391-B      | 10FC-RY391-B-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | ARSENIC       | 1.0    | Y           | J             |              | J         | 1.0    | mg/kg  | 1.2 mg/kg  |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY391-B      | 10FC-RY391-B-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | BARIUM        | 20.0          | Y           | J-            | J-           |           | 20.0                | mg/kg | 62.2   | mg/kg |
| RY391-B      | 10FC-RY391-B-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | BERYLLIUM     | 0.50          | N           | U             |              | U         | 0.50                | mg/kg | 0.58   | mg/kg |
| RY391-B      | 10FC-RY391-B-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | CADMIUM       | 0.50          | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY391-B      | 10FC-RY391-B-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | CHROMIUM      | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 3.4    | mg/kg |
| RY391-B      | 10FC-RY391-B-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | COBALT        | 5.0           | Y           | J             |              | J         | 5.0                 | mg/kg | 1.6    | mg/kg |
| RY391-B      | 10FC-RY391-B-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | COPPER        | 2.5           | Y           | J-            | J-           |           | 2.5                 | mg/kg | 5.2    | mg/kg |
| RY391-B      | 10FC-RY391-B-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | VANADIUM      | 5.0           | Y           |               |              |           | 5.0                 | mg/kg | 5.9    | mg/kg |
| RY391-B      | 10FC-RY391-B-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | ZINC          | 6.0           | Y           |               |              |           | 6.0                 | mg/kg | 42.2   | mg/kg |
| RY391-B      | 10FC-RY391-B-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | CALCIUM       | 500           | Y           |               |              |           | 500                 | mg/kg | 1960   | mg/kg |
| RY391-B      | 10FC-RY391-B-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | SELENIUM      | 3.5           | Y           | J             |              | J         | 3.5                 | mg/kg | 0.43   | mg/kg |
| RY391-B      | 10FC-RY391-B-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | ALUMINUM      | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 2780   | mg/kg |
| RY391-B      | 10FC-RY391-B-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | IRON          | 10.0          | Y           |               |              |           | 10.0                | mg/kg | 3490   | mg/kg |
| RY391-B      | 10FC-RY391-B-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | LEAD          | 1.0           | Y           | J+            | J+           |           | 1.0                 | mg/kg | 11.5   | mg/kg |
| RY391-B      | 10FC-RY391-B-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | MAGNESIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 1120   | mg/kg |
| RY391-B      | 10FC-RY391-B-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | MANGANESE     | 1.5           | Y           |               |              |           | 1.5                 | mg/kg | 102    | mg/kg |
| RY391-B      | 10FC-RY391-B-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | NICKEL        | 4.0           | Y           | U             | 4U           | J         | 4.0                 | mg/kg | 4      | mg/kg |
| RY391-B      | 10FC-RY391-B-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | POTASSIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 637    | mg/kg |
| RY391-B      | 10FC-RY391-B-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | SILVER        | 1.0           | N           | U             |              | U         | 1.0                 | mg/kg | 1      | mg/kg |
| RY391-B      | 10FC-RY391-B-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | SODIUM        | 500           | Y           | UJ            | 500UJ        | J         | 500                 | mg/kg | 500    | mg/kg |
| RY391-B      | 10FC-RY391-B-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY391-B      | 10FC-RY391-B-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | ANTIMONY      | 6.0           | N           | R             | R            | U         | 6.0                 | mg/kg | 6.1    | mg/kg |
| RY391-B      | 10FC-RY391-B-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | ARSENIC       | 1.0           | Y           | J             |              | J         | 1.0                 | mg/kg | 0.9    | mg/kg |
| RY391-B      | 10FC-RY391-B-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | BARIUM        | 20.0          | Y           | J-            | J-           |           | 20.0                | mg/kg | 48.8   | mg/kg |
| RY391-B      | 10FC-RY391-B-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | BERYLLIUM     | 0.50          | N           | U             |              | U         | 0.50                | mg/kg | 0.51   | mg/kg |
| RY391-B      | 10FC-RY391-B-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | CADMIUM       | 0.50          | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY391-B      | 10FC-RY391-B-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | CHROMIUM      | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 2.5    | mg/kg |
| RY391-B      | 10FC-RY391-B-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | COBALT        | 5.0           | Y           | J             |              | J         | 5.0                 | mg/kg | 1.3    | mg/kg |
| RY391-B      | 10FC-RY391-B-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | COPPER        | 2.5           | Y           | J-            | J-           |           | 2.5                 | mg/kg | 3.4    | mg/kg |
| RY391-B      | 10FC-RY391-B-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | VANADIUM      | 5.0           | Y           | J             |              | J         | 5.0                 | mg/kg | 4.7    | mg/kg |
| RY391-B      | 10FC-RY391-B-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | ZINC          | 6.0           | Y           |               |              |           | 6.0                 | mg/kg | 31.5   | mg/kg |
| RY391-B      | 10FC-RY391-B-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | CALCIUM       | 500           | Y           |               |              |           | 500                 | mg/kg | 1270   | mg/kg |
| RY391-B      | 10FC-RY391-B-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | SELENIUM      | 3.5           | N           | U             |              | U         | 3.5                 | mg/kg | 3.6    | mg/kg |
| RY391-B      | 10FC-RY391-B-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | ALUMINUM      | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 4860   | mg/kg |
| RY391-B      | 10FC-RY391-B-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | IRON          | 10.0          | Y           |               |              |           | 10.0                | mg/kg | 6120   | mg/kg |
| RY391-B      | 10FC-RY391-B-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | LEAD          | 1.0           | Y           | J+            | J+           |           | 1.0                 | mg/kg | 14     | mg/kg |
| RY391-B      | 10FC-RY391-B-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | MAGNESIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 1830   | mg/kg |
| RY391-B      | 10FC-RY391-B-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | MANGANESE     | 1.5           | Y           |               |              |           | 1.5                 | mg/kg | 181    | mg/kg |
| RY391-B      | 10FC-RY391-B-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | NICKEL        | 4.0           | Y           | U             | 4U           | J         | 4.0                 | mg/kg | 4      | mg/kg |
| RY391-B      | 10FC-RY391-B-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | POTASSIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 1030   | mg/kg |
| RY391-B      | 10FC-RY391-B-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | SILVER        | 1.0           | N           | U             |              | U         | 1.0                 | mg/kg | 1.1    | mg/kg |
| RY391-B      | 10FC-RY391-B-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | SODIUM        | 500           | Y           | UJ            | 500UJ        | J         | 500                 | mg/kg | 500    | mg/kg |
| RY391-B      | 10FC-RY391-B-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.9    | mg/kg |
| RY391-B      | 10FC-RY391-B-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | ANTIMONY      | 6.0           | N           | R             | R            | U         | 6.0                 | mg/kg | 6.9    | mg/kg |
| RY391-B      | 10FC-RY391-B-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | ARSENIC       | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 1.7    | mg/kg |
| RY391-B      | 10FC-RY391-B-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | BARIUM        | 20.0          | Y           | J-            | J-           |           | 20.0                | mg/kg | 83.6   | mg/kg |
| RY391-B      | 10FC-RY391-B-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | BERYLLIUM     | 0.50          | Y           | J             |              | J         | 0.50                | mg/kg | 0.035  | mg/kg |
| RY391-B      | 10FC-RY391-B-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | CADMIUM       | 0.50          | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY391-B      | 10FC-RY391-B-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | CHROMIUM      | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 4.3    | mg/kg |

## Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY391-B      | 10FC-RY391-B-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | COBALT        | 5.0                 | Y           | J             |              | J         | 5.0                 | mg/kg | 2.3    | mg/kg |
| RY391-B      | 10FC-RY391-B-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | COPPER        | 2.5                 | Y           | J-            | J-           |           | 2.5                 | mg/kg | 4.9    | mg/kg |
| RY391-B      | 10FC-RY391-B-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | VANADIUM      | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 8      | mg/kg |
| RY391-B      | 10FC-RY391-B-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 45.4   | mg/kg |
| RY391-B      | 10FC-RY391-B-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 1670   | mg/kg |
| RY391-B      | 10FC-RY391-B-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 4      | mg/kg |
| RY391-C      | 10FC-RY391-C-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | ALUMINUM      | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 4830   | mg/kg |
| RY391-C      | 10FC-RY391-C-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | IRON          | 10.0                | Y           |               |              |           | 10.0                | mg/kg | 6070   | mg/kg |
| RY391-C      | 10FC-RY391-C-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | LEAD          | 1.0                 | Y           | J+            | J+           |           | 1.0                 | mg/kg | 9.6    | mg/kg |
| RY391-C      | 10FC-RY391-C-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1820   | mg/kg |
| RY391-C      | 10FC-RY391-C-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 181    | mg/kg |
| RY391-C      | 10FC-RY391-C-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | NICKEL        | 4.0                 | Y           | U             | 4U           | J         | 4.0                 | mg/kg | 4      | mg/kg |
| RY391-C      | 10FC-RY391-C-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1050   | mg/kg |
| RY391-C      | 10FC-RY391-C-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | SILVER        | 1.0                 | N           | U             |              | U         | 1.0                 | mg/kg | 1.2    | mg/kg |
| RY391-C      | 10FC-RY391-C-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | SODIUM        | 500                 | Y           | UJ            | 500UJ        | J         | 500                 | mg/kg | 500    | mg/kg |
| RY391-C      | 10FC-RY391-C-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 3      | mg/kg |
| RY391-C      | 10FC-RY391-C-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | ANTIMONY      | 6.0                 | N           | R             | R            | U         | 6.0                 | mg/kg | 7.2    | mg/kg |
| RY391-C      | 10FC-RY391-C-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | ARSENIC       | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 1.8    | mg/kg |
| RY391-C      | 10FC-RY391-C-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | BARIUM        | 20.0                | Y           | J-            | J-           |           | 20.0                | mg/kg | 77.5   | mg/kg |
| RY391-C      | 10FC-RY391-C-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | BERYLLIUM     | 0.50                | Y           | J             |              | J         | 0.50                | mg/kg | 0.035  | mg/kg |
| RY391-C      | 10FC-RY391-C-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | CADMIUM       | 0.50                | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY391-C      | 10FC-RY391-C-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | CHROMIUM      | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 4      | mg/kg |
| RY391-C      | 10FC-RY391-C-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | COBALT        | 5.0                 | Y           | J             |              | J         | 5.0                 | mg/kg | 2.4    | mg/kg |
| RY391-C      | 10FC-RY391-C-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | COPPER        | 2.5                 | Y           | J-            | J-           |           | 2.5                 | mg/kg | 5.5    | mg/kg |
| RY391-C      | 10FC-RY391-C-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | VANADIUM      | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 7.8    | mg/kg |
| RY391-C      | 10FC-RY391-C-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 46.6   | mg/kg |
| RY391-C      | 10FC-RY391-C-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 1650   | mg/kg |
| RY391-C      | 10FC-RY391-C-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.55   | mg/kg |
| RY391-C      | 10FC-RY391-C-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | ALUMINUM      | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 4210   | mg/kg |
| RY391-C      | 10FC-RY391-C-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | IRON          | 10.0                | Y           |               |              |           | 10.0                | mg/kg | 5410   | mg/kg |
| RY391-C      | 10FC-RY391-C-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | LEAD          | 1.0                 | Y           | J+            | J+           |           | 1.0                 | mg/kg | 6.5    | mg/kg |
| RY391-C      | 10FC-RY391-C-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1630   | mg/kg |
| RY391-C      | 10FC-RY391-C-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 174    | mg/kg |
| RY391-C      | 10FC-RY391-C-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | NICKEL        | 4.0                 | Y           | U             | 4U           | J         | 4.0                 | mg/kg | 4      | mg/kg |
| RY391-C      | 10FC-RY391-C-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 956    | mg/kg |
| RY391-C      | 10FC-RY391-C-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | SILVER        | 1.0                 | N           | U             |              | U         | 1.0                 | mg/kg | 1.2    | mg/kg |
| RY391-C      | 10FC-RY391-C-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | SODIUM        | 500                 | Y           | UJ            | 500UJ        | J         | 500                 | mg/kg | 500    | mg/kg |
| RY391-C      | 10FC-RY391-C-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.9    | mg/kg |
| RY391-C      | 10FC-RY391-C-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | ANTIMONY      | 6.0                 | N           | R             | R            | U         | 6.0                 | mg/kg | 7      | mg/kg |
| RY391-C      | 10FC-RY391-C-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | ARSENIC       | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 1.4    | mg/kg |
| RY391-C      | 10FC-RY391-C-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | BARIUM        | 20.0                | Y           | J-            | J-           |           | 20.0                | mg/kg | 72.2   | mg/kg |
| RY391-C      | 10FC-RY391-C-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | BERYLLIUM     | 0.50                | Y           | J             |              | J         | 0.50                | mg/kg | 0.031  | mg/kg |
| RY391-C      | 10FC-RY391-C-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | CADMIUM       | 0.50                | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY391-C      | 10FC-RY391-C-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | CHROMIUM      | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 3.4    | mg/kg |
| RY391-C      | 10FC-RY391-C-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | COBALT        | 5.0                 | Y           | J             |              | J         | 5.0                 | mg/kg | 1.9    | mg/kg |
| RY391-C      | 10FC-RY391-C-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | COPPER        | 2.5                 | Y           | J-            | J-           |           | 2.5                 | mg/kg | 4      | mg/kg |
| RY391-C      | 10FC-RY391-C-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | VANADIUM      | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 6.6    | mg/kg |
| RY391-C      | 10FC-RY391-C-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 35.8   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY391-C      | 10FC-RY391-C-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | CALCIUM       | 500           | Y           |               |              |           | 500           | mg/kg | 1360   | mg/kg |
| RY391-C      | 10FC-RY391-C-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | SELENIUM      | 3.5           | Y           | J             |              | J         | 3.5           | mg/kg | 0.39   | mg/kg |
| RY391-C      | 10FC-RY391-C-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | ALUMINUM      | 20.0          | Y           |               |              |           | 20.0          | mg/kg | 4380   | mg/kg |
| RY391-C      | 10FC-RY391-C-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | IRON          | 10.0          | Y           |               |              |           | 10.0          | mg/kg | 5750   | mg/kg |
| RY391-C      | 10FC-RY391-C-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | LEAD          | 1.0           | Y           | J+            | J+           |           | 1.0           | mg/kg | 7.2    | mg/kg |
| RY391-C      | 10FC-RY391-C-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | MAGNESIUM     | 500           | Y           |               |              |           | 500           | mg/kg | 1720   | mg/kg |
| RY391-C      | 10FC-RY391-C-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | MANGANESE     | 1.5           | Y           |               |              |           | 1.5           | mg/kg | 189    | mg/kg |
| RY391-C      | 10FC-RY391-C-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | NICKEL        | 4.0           | Y           | U             | 4U           | J         | 4.0           | mg/kg | 4      | mg/kg |
| RY391-C      | 10FC-RY391-C-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | POTASSIUM     | 500           | Y           |               |              |           | 500           | mg/kg | 986    | mg/kg |
| RY391-C      | 10FC-RY391-C-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | SILVER        | 1.0           | N           | U             |              | U         | 1.0           | mg/kg | 1.1    | mg/kg |
| RY391-C      | 10FC-RY391-C-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | SODIUM        | 500           | Y           | UJ            | 500UJ        | J         | 500           | mg/kg | 500    | mg/kg |
| RY391-C      | 10FC-RY391-C-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5           | mg/kg | 2.9    | mg/kg |
| RY391-C      | 10FC-RY391-C-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | ANTIMONY      | 6.0           | N           | R             | R            | U         | 6.0           | mg/kg | 6.9    | mg/kg |
| RY391-C      | 10FC-RY391-C-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | ARSENIC       | 1.0           | Y           |               |              |           | 1.0           | mg/kg | 1.6    | mg/kg |
| RY391-C      | 10FC-RY391-C-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | BARIUM        | 20.0          | Y           | J-            | J-           |           | 20.0          | mg/kg | 74     | mg/kg |
| RY391-C      | 10FC-RY391-C-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | BERYLLIUM     | 0.50          | Y           | J             |              | J         | 0.50          | mg/kg | 0.017  | mg/kg |
| RY391-C      | 10FC-RY391-C-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | CADMIUM       | 0.50          | Y           | U             | 0.5U         | J         | 0.50          | mg/kg | 0.5    | mg/kg |
| RY391-C      | 10FC-RY391-C-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | CHROMIUM      | 1.0           | Y           |               |              |           | 1.0           | mg/kg | 3.8    | mg/kg |
| RY391-C      | 10FC-RY391-C-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | COBALT        | 5.0           | Y           | J             |              | J         | 5.0           | mg/kg | 2.2    | mg/kg |
| RY391-C      | 10FC-RY391-C-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | COPPER        | 2.5           | Y           | J-            | J-           |           | 2.5           | mg/kg | 4.6    | mg/kg |
| RY391-C      | 10FC-RY391-C-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | VANADIUM      | 5.0           | Y           |               |              |           | 5.0           | mg/kg | 7.4    | mg/kg |
| RY391-C      | 10FC-RY391-C-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | ZINC          | 6.0           | Y           |               |              |           | 6.0           | mg/kg | 40.8   | mg/kg |
| RY391-C      | 10FC-RY391-C-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | CALCIUM       | 500           | Y           |               |              |           | 500           | mg/kg | 1420   | mg/kg |
| RY391-C      | 10FC-RY391-C-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | SELENIUM      | 3.5           | Y           | J             |              | J         | 3.5           | mg/kg | 0.39   | mg/kg |
| RY392-A      | 10FC-RY392-A-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | ALUMINUM      | 20.0          | Y           |               |              |           | 20.0          | mg/kg | 2990   | mg/kg |
| RY392-A      | 10FC-RY392-A-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | IRON          | 10.0          | Y           |               |              |           | 10.0          | mg/kg | 3820   | mg/kg |
| RY392-A      | 10FC-RY392-A-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | LEAD          | 1.0           | Y           | J+            | J+           |           | 1.0           | mg/kg | 17.9   | mg/kg |
| RY392-A      | 10FC-RY392-A-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | MAGNESIUM     | 500           | Y           |               |              |           | 500           | mg/kg | 1280   | mg/kg |
| RY392-A      | 10FC-RY392-A-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | MANGANESE     | 1.5           | Y           |               |              |           | 1.5           | mg/kg | 129    | mg/kg |
| RY392-A      | 10FC-RY392-A-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | NICKEL        | 4.0           | Y           | U             | 4U           | J         | 4.0           | mg/kg | 4      | mg/kg |
| RY392-A      | 10FC-RY392-A-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | POTASSIUM     | 500           | Y           |               |              |           | 500           | mg/kg | 616    | mg/kg |
| RY392-A      | 10FC-RY392-A-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | SILVER        | 1.0           | N           | U             |              | U         | 1.0           | mg/kg | 1.1    | mg/kg |
| RY392-A      | 10FC-RY392-A-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | SODIUM        | 500           | Y           | UJ            | 500UJ        | J         | 500           | mg/kg | 500    | mg/kg |
| RY392-A      | 10FC-RY392-A-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5           | mg/kg | 2.6    | mg/kg |
| RY392-A      | 10FC-RY392-A-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | ANTIMONY      | 6.0           | N           | R             | R            | U         | 6.0           | mg/kg | 6.3    | mg/kg |
| RY392-A      | 10FC-RY392-A-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | ARSENIC       | 1.0           | Y           |               |              |           | 1.0           | mg/kg | 2.8    | mg/kg |
| RY392-A      | 10FC-RY392-A-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | BARIUM        | 20.0          | Y           | J-            | J-           |           | 20.0          | mg/kg | 47     | mg/kg |
| RY392-A      | 10FC-RY392-A-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | BERYLLIUM     | 0.50          | Y           | J             |              | J         | 0.50          | mg/kg | 0.017  | mg/kg |
| RY392-A      | 10FC-RY392-A-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | CADMIUM       | 0.50          | Y           | U             | 0.5U         | J         | 0.50          | mg/kg | 0.5    | mg/kg |
| RY392-A      | 10FC-RY392-A-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | CHROMIUM      | 1.0           | Y           |               |              |           | 1.0           | mg/kg | 3.4    | mg/kg |
| RY392-A      | 10FC-RY392-A-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | COBALT        | 5.0           | Y           | J             |              | J         | 5.0           | mg/kg | 1.4    | mg/kg |
| RY392-A      | 10FC-RY392-A-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | COPPER        | 2.5           | Y           | J-            | J-           |           | 2.5           | mg/kg | 2.9    | mg/kg |
| RY392-A      | 10FC-RY392-A-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | VANADIUM      | 5.0           | Y           | J             |              | J         | 5.0           | mg/kg | 4.3    | mg/kg |
| RY392-A      | 10FC-RY392-A-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | ZINC          | 6.0           | Y           |               |              |           | 6.0           | mg/kg | 35.3   | mg/kg |
| RY392-A      | 10FC-RY392-A-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | CALCIUM       | 500           | Y           |               |              |           | 500           | mg/kg | 742    | mg/kg |
| RY392-A      | 10FC-RY392-A-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | SELENIUM      | 3.5           | N           | U             |              | U         | 3.5           | mg/kg | 3.7    | mg/kg |
| RY392-A      | 10FC-RY392-A-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | ALUMINUM      | 20.0          | Y           |               |              |           | 20.0          | mg/kg | 3510   | mg/kg |
| RY392-A      | 10FC-RY392-A-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | IRON          | 10.0          | Y           | J+            | J+           |           | 10.0          | mg/kg | 4300   | mg/kg |



Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY392-A      | 10FC-RY392-A-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | LEAD          | 1.0                 | Y           | J+            | J+           |           | 1.0                 | mg/kg | 21.8   | mg/kg |
| RY392-A      | 10FC-RY392-A-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1350   | mg/kg |
| RY392-A      | 10FC-RY392-A-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 176    | mg/kg |
| RY392-A      | 10FC-RY392-A-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | NICKEL        | 4.0                 | Y           | U             | 4U           | J         | 4.0                 | mg/kg | 4      | mg/kg |
| RY392-A      | 10FC-RY392-A-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 685    | mg/kg |
| RY392-A      | 10FC-RY392-A-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | SILVER        | 1.0                 | N           | U             |              | U         | 1.0                 | mg/kg | 1.1    | mg/kg |
| RY392-A      | 10FC-RY392-A-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | SODIUM        | 500                 | Y           | UJ            | 500UJ        | J         | 500                 | mg/kg | 500    | mg/kg |
| RY392-A      | 10FC-RY392-A-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.7    | mg/kg |
| RY392-A      | 10FC-RY392-A-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | ANTIMONY      | 6.0                 | N           | R             | R            | U         | 6.0                 | mg/kg | 6.4    | mg/kg |
| RY392-A      | 10FC-RY392-A-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | ARSENIC       | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 2.9    | mg/kg |
| RY392-A      | 10FC-RY392-A-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | BARIUM        | 20.0                | Y           | J-            | J-           |           | 20.0                | mg/kg | 56.6   | mg/kg |
| RY392-A      | 10FC-RY392-A-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | BERYLLIUM     | 0.50                | N           | U             |              | U         | 0.50                | mg/kg | 0.53   | mg/kg |
| RY392-A      | 10FC-RY392-A-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | CADMIUM       | 0.50                | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY392-A      | 10FC-RY392-A-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | CHROMIUM      | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 5.1    | mg/kg |
| RY392-A      | 10FC-RY392-A-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | COBALT        | 5.0                 | Y           | J             |              | J         | 5.0                 | mg/kg | 2      | mg/kg |
| RY392-A      | 10FC-RY392-A-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | COPPER        | 2.5                 | Y           | J-            | J-           |           | 2.5                 | mg/kg | 4      | mg/kg |
| RY392-A      | 10FC-RY392-A-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | VANADIUM      | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 5.5    | mg/kg |
| RY392-A      | 10FC-RY392-A-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 43.7   | mg/kg |
| RY392-A      | 10FC-RY392-A-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 981    | mg/kg |
| RY392-A      | 10FC-RY392-A-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.7    | mg/kg |
| RY392-A      | 10FC-RY392-A-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | ALUMINUM      | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 3700   | mg/kg |
| RY392-A      | 10FC-RY392-A-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | IRON          | 10.0                | Y           |               |              |           | 10.0                | mg/kg | 4640   | mg/kg |
| RY392-A      | 10FC-RY392-A-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | LEAD          | 1.0                 | Y           | J+            | J+           |           | 1.0                 | mg/kg | 12.8   | mg/kg |
| RY392-A      | 10FC-RY392-A-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1510   | mg/kg |
| RY392-A      | 10FC-RY392-A-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 196    | mg/kg |
| RY392-A      | 10FC-RY392-A-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | NICKEL        | 4.0                 | Y           | U             | 4U           | J         | 4.0                 | mg/kg | 4      | mg/kg |
| RY392-A      | 10FC-RY392-A-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 757    | mg/kg |
| RY392-A      | 10FC-RY392-A-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | SILVER        | 1.0                 | N           | U             |              | U         | 1.0                 | mg/kg | 1.1    | mg/kg |
| RY392-A      | 10FC-RY392-A-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | SODIUM        | 500                 | Y           | UJ            | 500UJ        | J         | 500                 | mg/kg | 500    | mg/kg |
| RY392-A      | 10FC-RY392-A-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.7    | mg/kg |
| RY392-A      | 10FC-RY392-A-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | ANTIMONY      | 6.0                 | N           | R             | R            | U         | 6.0                 | mg/kg | 6.4    | mg/kg |
| RY392-A      | 10FC-RY392-A-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | ARSENIC       | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 3.6    | mg/kg |
| RY392-A      | 10FC-RY392-A-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | BARIUM        | 20.0                | Y           | J-            | J-           |           | 20.0                | mg/kg | 80.3   | mg/kg |
| RY392-A      | 10FC-RY392-A-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | BERYLLIUM     | 0.50                | Y           | J             |              | J         | 0.50                | mg/kg | 0.017  | mg/kg |
| RY392-A      | 10FC-RY392-A-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | CADMIUM       | 0.50                | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY392-A      | 10FC-RY392-A-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | CHROMIUM      | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 3.3    | mg/kg |
| RY392-A      | 10FC-RY392-A-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | COBALT        | 5.0                 | Y           | J             |              | J         | 5.0                 | mg/kg | 2.3    | mg/kg |
| RY392-A      | 10FC-RY392-A-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | COPPER        | 2.5                 | Y           | J-            | J-           |           | 2.5                 | mg/kg | 4.2    | mg/kg |
| RY392-A      | 10FC-RY392-A-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | VANADIUM      | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 5.8    | mg/kg |
| RY392-A      | 10FC-RY392-A-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 42     | mg/kg |
| RY392-A      | 10FC-RY392-A-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 1150   | mg/kg |
| RY392-A      | 10FC-RY392-A-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.7    | mg/kg |
| RY392-B      | 10FC-RY392-B-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | ALUMINUM      | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 3400   | mg/kg |
| RY392-B      | 10FC-RY392-B-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | IRON          | 10.0                | Y           |               |              |           | 10.0                | mg/kg | 6180   | mg/kg |
| RY392-B      | 10FC-RY392-B-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | LEAD          | 1.0                 | Y           | J+            | J+           |           | 1.0                 | mg/kg | 51.3   | mg/kg |
| RY392-B      | 10FC-RY392-B-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1860   | mg/kg |
| RY392-B      | 10FC-RY392-B-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 159    | mg/kg |
| RY392-B      | 10FC-RY392-B-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | NICKEL        | 4.0                 | Y           | U             | 4U           | J         | 4.0                 | mg/kg | 4      | mg/kg |

## Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report       | detect flag | interp. quals | valid. quals | lab quals | report       | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|--------------|-------------|---------------|--------------|-----------|--------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | result limit |             |               |              |           | detect limit |       |        |       |
| RY392-B      | 10FC-RY392-B-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | POTASSIUM     | 500          | Y           |               |              |           | 500          | mg/kg | 562    | mg/kg |
| RY392-B      | 10FC-RY392-B-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | SILVER        | 1.0          | Y           | J             |              | J         | 1.0          | mg/kg | 0.097  | mg/kg |
| RY392-B      | 10FC-RY392-B-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | SODIUM        | 500          | Y           | UJ            | 500UJ        | U         | 500          | mg/kg | 500    | mg/kg |
| RY392-B      | 10FC-RY392-B-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | THALLIUM      | 2.5          | N           | U             |              | J         | 2.5          | mg/kg | 2.7    | mg/kg |
| RY392-B      | 10FC-RY392-B-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | ANTIMONY      | 6.0          | Y           | R             | 6UJ-R        | J         | 6.0          | mg/kg | 6      | mg/kg |
| RY392-B      | 10FC-RY392-B-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | ARSENIC       | 1.0          | Y           |               |              |           | 1.0          | mg/kg | 13.4   | mg/kg |
| RY392-B      | 10FC-RY392-B-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | BARIUM        | 20.0         | Y           | J-            | J-           |           | 20.0         | mg/kg | 40.9   | mg/kg |
| RY392-B      | 10FC-RY392-B-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | BERYLLIUM     | 0.50         | Y           | J             |              | J         | 0.50         | mg/kg | 0.064  | mg/kg |
| RY392-B      | 10FC-RY392-B-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | CADMIUM       | 0.50         | Y           | U             | 0.5U         | J         | 0.50         | mg/kg | 0.5    | mg/kg |
| RY392-B      | 10FC-RY392-B-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | CHROMIUM      | 1.0          | Y           |               |              |           | 1.0          | mg/kg | 4.1    | mg/kg |
| RY392-B      | 10FC-RY392-B-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | COBALT        | 5.0          | Y           | J             |              | J         | 5.0          | mg/kg | 2.3    | mg/kg |
| RY392-B      | 10FC-RY392-B-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | COPPER        | 2.5          | Y           | J-            | J-           |           | 2.5          | mg/kg | 6.2    | mg/kg |
| RY392-B      | 10FC-RY392-B-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | VANADIUM      | 5.0          | Y           | J             |              | J         | 5.0          | mg/kg | 5.3    | mg/kg |
| RY392-B      | 10FC-RY392-B-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | ZINC          | 6.0          | Y           |               |              |           | 6.0          | mg/kg | 85.6   | mg/kg |
| RY392-B      | 10FC-RY392-B-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | CALCIUM       | 500          | Y           |               |              |           | 500          | mg/kg | 3520   | mg/kg |
| RY392-B      | 10FC-RY392-B-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | SELENIUM      | 3.5          | N           | U             |              | U         | 3.5          | mg/kg | 3.8    | mg/kg |
| RY392-B      | 10FC-RY392-B-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | ALUMINUM      | 20.0         | Y           |               |              |           | 20.0         | mg/kg | 3740   | mg/kg |
| RY392-B      | 10FC-RY392-B-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | IRON          | 10.0         | Y           |               |              |           | 10.0         | mg/kg | 5630   | mg/kg |
| RY392-B      | 10FC-RY392-B-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | LEAD          | 1.0          | Y           | J+            | J+           |           | 1.0          | mg/kg | 159    | mg/kg |
| RY392-B      | 10FC-RY392-B-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | MAGNESIUM     | 500          | Y           |               |              |           | 500          | mg/kg | 1630   | mg/kg |
| RY392-B      | 10FC-RY392-B-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | MANGANESE     | 1.5          | Y           |               |              |           | 1.5          | mg/kg | 221    | mg/kg |
| RY392-B      | 10FC-RY392-B-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | NICKEL        | 4.0          | Y           | U             | 4U           | J         | 4.0          | mg/kg | 4      | mg/kg |
| RY392-B      | 10FC-RY392-B-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | POTASSIUM     | 500          | Y           |               |              |           | 500          | mg/kg | 708    | mg/kg |
| RY392-B      | 10FC-RY392-B-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | SILVER        | 1.0          | Y           | J             |              | J         | 1.0          | mg/kg | 0.83   | mg/kg |
| RY392-B      | 10FC-RY392-B-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | SODIUM        | 500          | Y           | UJ            | 500UJ        | J         | 500          | mg/kg | 500    | mg/kg |
| RY392-B      | 10FC-RY392-B-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | THALLIUM      | 2.5          | N           | U             |              | U         | 2.5          | mg/kg | 2.7    | mg/kg |
| RY392-B      | 10FC-RY392-B-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | ANTIMONY      | 6.0          | Y           | R             | 6UJ-R        | J         | 6.0          | mg/kg | 6      | mg/kg |
| RY392-B      | 10FC-RY392-B-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | ARSENIC       | 1.0          | Y           |               |              |           | 1.0          | mg/kg | 18.4   | mg/kg |
| RY392-B      | 10FC-RY392-B-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | BARIUM        | 20.0         | Y           | J-            | J-           |           | 20.0         | mg/kg | 54.2   | mg/kg |
| RY392-B      | 10FC-RY392-B-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | BERYLLIUM     | 0.50         | Y           | J             |              | J         | 0.50         | mg/kg | 0.02   | mg/kg |
| RY392-B      | 10FC-RY392-B-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | CADMIUM       | 0.50         | Y           |               |              |           | 0.50         | mg/kg | 3.4    | mg/kg |
| RY392-B      | 10FC-RY392-B-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | CHROMIUM      | 1.0          | Y           |               |              |           | 1.0          | mg/kg | 3.5    | mg/kg |
| RY392-B      | 10FC-RY392-B-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | COBALT        | 5.0          | Y           | J             |              | J         | 5.0          | mg/kg | 2.4    | mg/kg |
| RY392-B      | 10FC-RY392-B-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | COPPER        | 2.5          | Y           | J-            | J-           |           | 2.5          | mg/kg | 5.3    | mg/kg |
| RY392-B      | 10FC-RY392-B-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | VANADIUM      | 5.0          | Y           |               |              |           | 5.0          | mg/kg | 6.3    | mg/kg |
| RY392-B      | 10FC-RY392-B-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | ZINC          | 6.0          | Y           |               |              |           | 6.0          | mg/kg | 399    | mg/kg |
| RY392-B      | 10FC-RY392-B-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | CALCIUM       | 500          | Y           |               |              |           | 500          | mg/kg | 1320   | mg/kg |
| RY392-B      | 10FC-RY392-B-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | SELENIUM      | 3.5          | Y           | J             |              | J         | 3.5          | mg/kg | 0.35   | mg/kg |
| RY540-F      | 10FC-RY540-F-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ALUMINUM      | 22.3         | Y           |               |              |           | 22.3         | mg/kg | 7970   | mg/kg |
| RY540-F      | 10FC-RY540-F-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | IRON          | 11.1         | Y           |               |              |           | 11.1         | mg/kg | 10100  | mg/kg |
| RY540-F      | 10FC-RY540-F-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | LEAD          | 1.1          | Y           |               |              |           | 1.1          | mg/kg | 5.1    | mg/kg |
| RY540-F      | 10FC-RY540-F-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 557          | Y           |               |              |           | 557          | mg/kg | 2180   | mg/kg |
| RY540-F      | 10FC-RY540-F-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | MANGANESE     | 1.7          | Y           |               |              |           | 1.7          | mg/kg | 202    | mg/kg |
| RY540-F      | 10FC-RY540-F-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | NICKEL        | 4.5          | Y           |               |              |           | 4.5          | mg/kg | 5.6    | mg/kg |
| RY540-F      | 10FC-RY540-F-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | POTASSIUM     | 557          | Y           | J             | J            |           | 557          | mg/kg | 971    | mg/kg |
| RY540-F      | 10FC-RY540-F-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SILVER        | 1.1          | N           | UJ            | UJ           | U         | 1.1          | mg/kg | 1.1    | mg/kg |
| RY540-F      | 10FC-RY540-F-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SODIUM        | 557          | Y           | J             |              | J         | 557          | mg/kg | 180    | mg/kg |
| RY540-F      | 10FC-RY540-F-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | THALLIUM      | 2.8          | N           | U             |              | U         | 2.8          | mg/kg | 2.8    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY540-F      | 10FC-RY540-F-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ANTIMONY      | 6.7           | Y           | J             | J            | J         | 6.7           | mg/kg | 0.49   | mg/kg |
| RY540-F      | 10FC-RY540-F-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ARSENIC       | 1.1           | Y           |               |              |           | 1.1           | mg/kg | 3.4    | mg/kg |
| RY540-F      | 10FC-RY540-F-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | BARIUM        | 22.3          | Y           |               |              |           | 22.3          | mg/kg | 88.6   | mg/kg |
| RY540-F      | 10FC-RY540-F-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.56          | Y           | J             |              | J         | 0.56          | mg/kg | 0.42   | mg/kg |
| RY540-F      | 10FC-RY540-F-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.56          | N           | U             |              | U         | 0.56          | mg/kg | 0.56   | mg/kg |
| RY540-F      | 10FC-RY540-F-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CHROMIUM      | 1.1           | Y           |               |              |           | 1.1           | mg/kg | 6      | mg/kg |
| RY540-F      | 10FC-RY540-F-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | COBALT        | 5.6           | Y           | J             |              | J         | 5.6           | mg/kg | 5      | mg/kg |
| RY540-F      | 10FC-RY540-F-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | COPPER        | 2.8           | Y           |               |              |           | 2.8           | mg/kg | 6.6    | mg/kg |
| RY540-F      | 10FC-RY540-F-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | VANADIUM      | 5.6           | Y           |               |              |           | 5.6           | mg/kg | 15.2   | mg/kg |
| RY540-F      | 10FC-RY540-F-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ZINC          | 6.7           | Y           |               |              |           | 6.7           | mg/kg | 20.3   | mg/kg |
| RY540-F      | 10FC-RY540-F-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CALCIUM       | 557           | Y           | J             | J            |           | 557           | mg/kg | 1040   | mg/kg |
| RY540-F      | 10FC-RY540-F-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SELENIUM      | 3.9           | Y           | J             | J            | J         | 3.9           | mg/kg | 2      | mg/kg |
| RY540-F      | 10FC-RY540-F-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ALUMINUM      | 12.4          | Y           |               |              |           | 12.4          | mg/kg | 7230   | mg/kg |
| RY540-F      | 10FC-RY540-F-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | IRON          | 6.2           | Y           |               |              |           | 6.2           | mg/kg | 9300   | mg/kg |
| RY540-F      | 10FC-RY540-F-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | LEAD          | 0.62          | Y           |               |              |           | 0.62          | mg/kg | 5      | mg/kg |
| RY540-F      | 10FC-RY540-F-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 310           | Y           |               |              |           | 310           | mg/kg | 2120   | mg/kg |
| RY540-F      | 10FC-RY540-F-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | MANGANESE     | 0.93          | Y           |               |              |           | 0.93          | mg/kg | 208    | mg/kg |
| RY540-F      | 10FC-RY540-F-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | NICKEL        | 2.5           | Y           |               |              |           | 2.5           | mg/kg | 5.5    | mg/kg |
| RY540-F      | 10FC-RY540-F-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | POTASSIUM     | 310           | Y           | J             | J            |           | 310           | mg/kg | 901    | mg/kg |
| RY540-F      | 10FC-RY540-F-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SILVER        | 0.62          | N           | UJ            | UJ           |           | 0.62          | mg/kg | 0.62   | mg/kg |
| RY540-F      | 10FC-RY540-F-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SODIUM        | 310           | Y           | J             |              | J         | 310           | mg/kg | 124    | mg/kg |
| RY540-F      | 10FC-RY540-F-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.6           | N           | U             |              | U         | 1.6           | mg/kg | 1.6    | mg/kg |
| RY540-F      | 10FC-RY540-F-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ANTIMONY      | 3.7           | Y           | J             | J            | J         | 3.7           | mg/kg | 0.36   | mg/kg |
| RY540-F      | 10FC-RY540-F-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.62          | Y           |               |              |           | 0.62          | mg/kg | 2.9    | mg/kg |
| RY540-F      | 10FC-RY540-F-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | BARIUM        | 12.4          | Y           |               |              |           | 12.4          | mg/kg | 89.1   | mg/kg |
| RY540-F      | 10FC-RY540-F-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.31          | Y           |               |              |           | 0.31          | mg/kg | 0.4    | mg/kg |
| RY540-F      | 10FC-RY540-F-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.31          | N           | U             |              | U         | 0.31          | mg/kg | 0.31   | mg/kg |
| RY540-F      | 10FC-RY540-F-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.62          | Y           |               |              |           | 0.62          | mg/kg | 5.8    | mg/kg |
| RY540-F      | 10FC-RY540-F-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | COBALT        | 3.1           | Y           |               |              |           | 3.1           | mg/kg | 4.7    | mg/kg |
| RY540-F      | 10FC-RY540-F-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | COPPER        | 1.6           | Y           |               |              |           | 1.6           | mg/kg | 6.7    | mg/kg |
| RY540-F      | 10FC-RY540-F-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | VANADIUM      | 3.1           | Y           |               |              |           | 3.1           | mg/kg | 14.4   | mg/kg |
| RY540-F      | 10FC-RY540-F-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ZINC          | 3.7           | Y           |               |              |           | 3.7           | mg/kg | 18.2   | mg/kg |
| RY540-F      | 10FC-RY540-F-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CALCIUM       | 310           | Y           | J             | J            |           | 310           | mg/kg | 981    | mg/kg |
| RY540-F      | 10FC-RY540-F-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.2           | Y           | J             | J            | J         | 2.2           | mg/kg | 1.6    | mg/kg |
| RY540-G      | 10FC-RY540-G-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ALUMINUM      | 13.9          | Y           |               |              |           | 13.9          | mg/kg | 8570   | mg/kg |
| RY540-G      | 10FC-RY540-G-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | IRON          | 7.0           | Y           |               |              |           | 7.0           | mg/kg | 9900   | mg/kg |
| RY540-G      | 10FC-RY540-G-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | LEAD          | 0.70          | Y           |               |              |           | 0.70          | mg/kg | 11.1   | mg/kg |
| RY540-G      | 10FC-RY540-G-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 349           | Y           |               |              |           | 349           | mg/kg | 2080   | mg/kg |
| RY540-G      | 10FC-RY540-G-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | MANGANESE     | 1.0           | Y           |               |              |           | 1.0           | mg/kg | 387    | mg/kg |
| RY540-G      | 10FC-RY540-G-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | NICKEL        | 2.8           | Y           |               |              |           | 2.8           | mg/kg | 5.6    | mg/kg |
| RY540-G      | 10FC-RY540-G-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | POTASSIUM     | 349           | Y           | J             | J            |           | 349           | mg/kg | 1390   | mg/kg |
| RY540-G      | 10FC-RY540-G-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SILVER        | 0.70          | N           | UJ            | UJ           |           | 0.70          | mg/kg | 0.7    | mg/kg |
| RY540-G      | 10FC-RY540-G-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SODIUM        | 349           | Y           | J             |              | J         | 349           | mg/kg | 136    | mg/kg |
| RY540-G      | 10FC-RY540-G-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.7           | N           | U             |              | U         | 1.7           | mg/kg | 1.7    | mg/kg |
| RY540-G      | 10FC-RY540-G-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ANTIMONY      | 4.2           | Y           | J             | J            | J         | 4.2           | mg/kg | 0.41   | mg/kg |
| RY540-G      | 10FC-RY540-G-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.70          | Y           |               |              |           | 0.70          | mg/kg | 3.4    | mg/kg |
| RY540-G      | 10FC-RY540-G-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | BARIUM        | 13.9          | Y           |               |              |           | 13.9          | mg/kg | 130    | mg/kg |
| RY540-G      | 10FC-RY540-G-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.35          | Y           |               |              |           | 0.35          | mg/kg | 0.42   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY540-G      | 10FC-RY540-G-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.35          | Y           | J             |              | J         | 0.35          | mg/kg | 0.03   | mg/kg |
| RY540-G      | 10FC-RY540-G-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.70          | Y           |               |              |           | 0.70          | mg/kg | 5.8    | mg/kg |
| RY540-G      | 10FC-RY540-G-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | COBALT        | 3.5           | Y           |               |              |           | 3.5           | mg/kg | 4.6    | mg/kg |
| RY540-G      | 10FC-RY540-G-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | COPPER        | 1.7           | Y           |               |              |           | 1.7           | mg/kg | 7      | mg/kg |
| RY540-G      | 10FC-RY540-G-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | VANADIUM      | 3.5           | Y           |               |              |           | 3.5           | mg/kg | 14.7   | mg/kg |
| RY540-G      | 10FC-RY540-G-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ZINC          | 4.2           | Y           |               |              |           | 4.2           | mg/kg | 32.3   | mg/kg |
| RY540-G      | 10FC-RY540-G-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CALCIUM       | 349           | Y           | J             | J            |           | 349           | mg/kg | 1750   | mg/kg |
| RY540-G      | 10FC-RY540-G-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.4           | Y           | J             | J            | J         | 2.4           | mg/kg | 1.6    | mg/kg |
| RY540-G      | 10FC-RY540-G-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ALUMINUM      | 14.1          | Y           |               |              |           | 14.1          | mg/kg | 8930   | mg/kg |
| RY540-G      | 10FC-RY540-G-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | IRON          | 7.0           | Y           |               |              |           | 7.0           | mg/kg | 9830   | mg/kg |
| RY540-G      | 10FC-RY540-G-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | LEAD          | 0.70          | Y           |               |              |           | 0.70          | mg/kg | 13.4   | mg/kg |
| RY540-G      | 10FC-RY540-G-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 352           | Y           |               |              |           | 352           | mg/kg | 2060   | mg/kg |
| RY540-G      | 10FC-RY540-G-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | MANGANESE     | 1.1           | Y           |               |              |           | 1.1           | mg/kg | 381    | mg/kg |
| RY540-G      | 10FC-RY540-G-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | NICKEL        | 2.8           | Y           |               |              |           | 2.8           | mg/kg | 5.9    | mg/kg |
| RY540-G      | 10FC-RY540-G-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | POTASSIUM     | 352           | Y           | J             | J            |           | 352           | mg/kg | 1330   | mg/kg |
| RY540-G      | 10FC-RY540-G-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SILVER        | 0.70          | N           | UJ            | UJ           | U         | 0.70          | mg/kg | 0.7    | mg/kg |
| RY540-G      | 10FC-RY540-G-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SODIUM        | 352           | Y           | J             |              | J         | 352           | mg/kg | 148    | mg/kg |
| RY540-G      | 10FC-RY540-G-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.8           | N           | U             |              | U         | 1.8           | mg/kg | 1.8    | mg/kg |
| RY540-G      | 10FC-RY540-G-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ANTIMONY      | 4.2           | Y           | J             | J            | J         | 4.2           | mg/kg | 0.41   | mg/kg |
| RY540-G      | 10FC-RY540-G-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.70          | Y           |               |              |           | 0.70          | mg/kg | 3      | mg/kg |
| RY540-G      | 10FC-RY540-G-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | BARIUM        | 14.1          | Y           |               |              |           | 14.1          | mg/kg | 136    | mg/kg |
| RY540-G      | 10FC-RY540-G-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.35          | Y           |               |              |           | 0.35          | mg/kg | 0.42   | mg/kg |
| RY540-G      | 10FC-RY540-G-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.35          | Y           | J             |              | J         | 0.35          | mg/kg | 0.04   | mg/kg |
| RY540-G      | 10FC-RY540-G-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.70          | Y           |               |              |           | 0.70          | mg/kg | 5.9    | mg/kg |
| RY540-G      | 10FC-RY540-G-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | COBALT        | 3.5           | Y           |               |              |           | 3.5           | mg/kg | 4.5    | mg/kg |
| RY540-G      | 10FC-RY540-G-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | COPPER        | 1.8           | Y           |               |              |           | 1.8           | mg/kg | 7.1    | mg/kg |
| RY540-G      | 10FC-RY540-G-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | VANADIUM      | 3.5           | Y           |               |              |           | 3.5           | mg/kg | 14.7   | mg/kg |
| RY540-G      | 10FC-RY540-G-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ZINC          | 4.2           | Y           |               |              |           | 4.2           | mg/kg | 33.5   | mg/kg |
| RY540-G      | 10FC-RY540-G-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CALCIUM       | 352           | Y           | J             | J            |           | 352           | mg/kg | 1810   | mg/kg |
| RY540-G      | 10FC-RY540-G-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.5           | Y           | J             | J            | J         | 2.5           | mg/kg | 1.4    | mg/kg |
| RY540-G      | 10FC-RY540-G-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ALUMINUM      | 14.5          | Y           |               |              |           | 14.5          | mg/kg | 9650   | mg/kg |
| RY540-G      | 10FC-RY540-G-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | IRON          | 7.2           | Y           |               |              |           | 7.2           | mg/kg | 10900  | mg/kg |
| RY540-G      | 10FC-RY540-G-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | LEAD          | 0.72          | Y           |               |              |           | 0.72          | mg/kg | 12.2   | mg/kg |
| RY540-G      | 10FC-RY540-G-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 362           | Y           |               |              |           | 362           | mg/kg | 2400   | mg/kg |
| RY540-G      | 10FC-RY540-G-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | MANGANESE     | 1.1           | Y           |               |              |           | 1.1           | mg/kg | 412    | mg/kg |
| RY540-G      | 10FC-RY540-G-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | NICKEL        | 2.9           | Y           |               |              |           | 2.9           | mg/kg | 7.5    | mg/kg |
| RY540-G      | 10FC-RY540-G-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | POTASSIUM     | 362           | Y           | J             | J            |           | 362           | mg/kg | 1450   | mg/kg |
| RY540-G      | 10FC-RY540-G-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SILVER        | 0.72          | N           | UJ            | UJ           | U         | 0.72          | mg/kg | 0.72   | mg/kg |
| RY540-G      | 10FC-RY540-G-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SODIUM        | 362           | Y           | J             |              | J         | 362           | mg/kg | 152    | mg/kg |
| RY540-G      | 10FC-RY540-G-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.8           | N           | U             |              | U         | 1.8           | mg/kg | 1.8    | mg/kg |
| RY540-G      | 10FC-RY540-G-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ANTIMONY      | 4.3           | Y           | J             | J            | J         | 4.3           | mg/kg | 0.45   | mg/kg |
| RY540-G      | 10FC-RY540-G-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.72          | Y           |               |              |           | 0.72          | mg/kg | 3.6    | mg/kg |
| RY540-G      | 10FC-RY540-G-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | BARIUM        | 14.5          | Y           |               |              |           | 14.5          | mg/kg | 150    | mg/kg |
| RY540-G      | 10FC-RY540-G-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.36          | Y           |               |              |           | 0.36          | mg/kg | 0.45   | mg/kg |
| RY540-G      | 10FC-RY540-G-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.36          | Y           | J             |              | J         | 0.36          | mg/kg | 0.04   | mg/kg |
| RY540-G      | 10FC-RY540-G-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.72          | Y           |               |              |           | 0.72          | mg/kg | 6.5    | mg/kg |
| RY540-G      | 10FC-RY540-G-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | COBALT        | 3.6           | Y           |               |              |           | 3.6           | mg/kg | 5.5    | mg/kg |
| RY540-G      | 10FC-RY540-G-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | COPPER        | 1.8           | Y           |               |              |           | 1.8           | mg/kg | 8.1    | mg/kg |

## Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY540-G      | 10FC-RY540-G-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | VANADIUM      | 3.6           | Y           |               |              |           | 3.6                 | mg/kg | 15.4   | mg/kg |
| RY540-G      | 10FC-RY540-G-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ZINC          | 4.3           | Y           |               |              |           | 4.3                 | mg/kg | 38.5   | mg/kg |
| RY540-G      | 10FC-RY540-G-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CALCIUM       | 362           | Y           | J             | J            |           | 362                 | mg/kg | 2280   | mg/kg |
| RY540-G      | 10FC-RY540-G-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.5           | Y           | J             | J            | J         | 2.5                 | mg/kg | 1.8    | mg/kg |
| RY540-H      | 10FC-RY540-H-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ALUMINUM      | 13.7          | Y           |               |              |           | 13.7                | mg/kg | 8220   | mg/kg |
| RY540-H      | 10FC-RY540-H-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | IRON          | 6.9           | Y           |               |              |           | 6.9                 | mg/kg | 9480   | mg/kg |
| RY540-H      | 10FC-RY540-H-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | LEAD          | 0.69          | Y           |               |              |           | 0.69                | mg/kg | 8.6    | mg/kg |
| RY540-H      | 10FC-RY540-H-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 343           | Y           |               |              |           | 343                 | mg/kg | 2750   | mg/kg |
| RY540-H      | 10FC-RY540-H-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | MANGANESE     | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 336    | mg/kg |
| RY540-H      | 10FC-RY540-H-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | NICKEL        | 2.7           | Y           |               |              |           | 2.7                 | mg/kg | 6.8    | mg/kg |
| RY540-H      | 10FC-RY540-H-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | POTASSIUM     | 343           | Y           | J             | J            |           | 343                 | mg/kg | 1830   | mg/kg |
| RY540-H      | 10FC-RY540-H-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SILVER        | 0.69          | N           | UJ            | UJ           | U         | 0.69                | mg/kg | 0.69   | mg/kg |
| RY540-H      | 10FC-RY540-H-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SODIUM        | 343           | Y           | J             |              | J         | 343                 | mg/kg | 314    | mg/kg |
| RY540-H      | 10FC-RY540-H-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.7           | N           | U             |              | U         | 1.7                 | mg/kg | 1.7    | mg/kg |
| RY540-H      | 10FC-RY540-H-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ANTIMONY      | 4.1           | Y           | J             | J            | J         | 4.1                 | mg/kg | 0.41   | mg/kg |
| RY540-H      | 10FC-RY540-H-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.69          | Y           |               |              |           | 0.69                | mg/kg | 3.1    | mg/kg |
| RY540-H      | 10FC-RY540-H-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | BARIUM        | 13.7          | Y           |               |              |           | 13.7                | mg/kg | 145    | mg/kg |
| RY540-H      | 10FC-RY540-H-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.34          | Y           |               |              |           | 0.34                | mg/kg | 0.4    | mg/kg |
| RY540-H      | 10FC-RY540-H-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.34          | Y           | J             |              | J         | 0.34                | mg/kg | 0.07   | mg/kg |
| RY540-H      | 10FC-RY540-H-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.69          | Y           |               |              |           | 0.69                | mg/kg | 7.2    | mg/kg |
| RY540-H      | 10FC-RY540-H-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | COBALT        | 3.4           | Y           |               |              |           | 3.4                 | mg/kg | 5      | mg/kg |
| RY540-H      | 10FC-RY540-H-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | COPPER        | 1.7           | Y           |               |              |           | 1.7                 | mg/kg | 9.6    | mg/kg |
| RY540-H      | 10FC-RY540-H-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | VANADIUM      | 3.4           | Y           |               |              |           | 3.4                 | mg/kg | 11.6   | mg/kg |
| RY540-H      | 10FC-RY540-H-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ZINC          | 4.1           | Y           |               |              |           | 4.1                 | mg/kg | 35.2   | mg/kg |
| RY540-H      | 10FC-RY540-H-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CALCIUM       | 343           | Y           | J             | J            |           | 343                 | mg/kg | 2310   | mg/kg |
| RY540-H      | 10FC-RY540-H-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.4           | Y           | J             | J            | J         | 2.4                 | mg/kg | 1.6    | mg/kg |
| RY540-H      | 10FC-RY540-H-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ALUMINUM      | 15.3          | Y           |               |              |           | 15.3                | mg/kg | 8870   | mg/kg |
| RY540-H      | 10FC-RY540-H-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | IRON          | 7.7           | Y           |               |              |           | 7.7                 | mg/kg | 9600   | mg/kg |
| RY540-H      | 10FC-RY540-H-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | LEAD          | 0.77          | Y           |               |              |           | 0.77                | mg/kg | 7.5    | mg/kg |
| RY540-H      | 10FC-RY540-H-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 383           | Y           |               |              |           | 383                 | mg/kg | 2520   | mg/kg |
| RY540-H      | 10FC-RY540-H-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | MANGANESE     | 1.1           | Y           |               |              |           | 1.1                 | mg/kg | 302    | mg/kg |
| RY540-H      | 10FC-RY540-H-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | NICKEL        | 3.1           | Y           |               |              |           | 3.1                 | mg/kg | 6.7    | mg/kg |
| RY540-H      | 10FC-RY540-H-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | POTASSIUM     | 383           | Y           | J             | J            |           | 383                 | mg/kg | 1670   | mg/kg |
| RY540-H      | 10FC-RY540-H-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SILVER        | 0.77          | N           | UJ            | UJ           | U         | 0.77                | mg/kg | 0.77   | mg/kg |
| RY540-H      | 10FC-RY540-H-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SODIUM        | 383           | Y           | J             |              | J         | 383                 | mg/kg | 288    | mg/kg |
| RY540-H      | 10FC-RY540-H-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.9           | N           | U             |              | U         | 1.9                 | mg/kg | 1.9    | mg/kg |
| RY540-H      | 10FC-RY540-H-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ANTIMONY      | 4.6           | Y           | J             | J            | J         | 4.6                 | mg/kg | 0.38   | mg/kg |
| RY540-H      | 10FC-RY540-H-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.77          | Y           |               |              |           | 0.77                | mg/kg | 3.2    | mg/kg |
| RY540-H      | 10FC-RY540-H-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | BARIUM        | 15.3          | Y           |               |              |           | 15.3                | mg/kg | 148    | mg/kg |
| RY540-H      | 10FC-RY540-H-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.38          | Y           |               |              |           | 0.38                | mg/kg | 0.42   | mg/kg |
| RY540-H      | 10FC-RY540-H-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.38          | Y           | J             |              | J         | 0.38                | mg/kg | 0.05   | mg/kg |
| RY540-H      | 10FC-RY540-H-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.77          | Y           |               |              |           | 0.77                | mg/kg | 6.9    | mg/kg |
| RY540-H      | 10FC-RY540-H-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | COBALT        | 3.8           | Y           |               |              |           | 3.8                 | mg/kg | 4.8    | mg/kg |
| RY540-H      | 10FC-RY540-H-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | COPPER        | 1.9           | Y           |               |              |           | 1.9                 | mg/kg | 9.3    | mg/kg |
| RY540-H      | 10FC-RY540-H-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | VANADIUM      | 3.8           | Y           |               |              |           | 3.8                 | mg/kg | 12.1   | mg/kg |
| RY540-H      | 10FC-RY540-H-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ZINC          | 4.6           | Y           |               |              |           | 4.6                 | mg/kg | 31.8   | mg/kg |
| RY540-H      | 10FC-RY540-H-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CALCIUM       | 383           | Y           | J             | J            |           | 383                 | mg/kg | 1770   | mg/kg |
| RY540-H      | 10FC-RY540-H-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.7           | Y           | J             | J            | J         | 2.7                 | mg/kg | 1.7    | mg/kg |

## Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY540-H      | 10FC-RY540-H-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ALUMINUM      | 13.5          | Y           |               |              |           | 13.5                | mg/kg | 9120   | mg/kg |
| RY540-H      | 10FC-RY540-H-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | IRON          | 6.8           | Y           |               |              |           | 6.8                 | mg/kg | 10200  | mg/kg |
| RY540-H      | 10FC-RY540-H-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | LEAD          | 0.68          | Y           |               |              |           | 0.68                | mg/kg | 7.4    | mg/kg |
| RY540-H      | 10FC-RY540-H-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 339           | Y           |               |              |           | 339                 | mg/kg | 2910   | mg/kg |
| RY540-H      | 10FC-RY540-H-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | MANGANESE     | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 342    | mg/kg |
| RY540-H      | 10FC-RY540-H-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | NICKEL        | 2.7           | Y           |               |              |           | 2.7                 | mg/kg | 7.5    | mg/kg |
| RY540-H      | 10FC-RY540-H-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | POTASSIUM     | 339           | Y           | J             | J            |           | 339                 | mg/kg | 1780   | mg/kg |
| RY540-H      | 10FC-RY540-H-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SILVER        | 0.68          | N           | UJ            | UJ           | U         | 0.68                | mg/kg | 0.68   | mg/kg |
| RY540-H      | 10FC-RY540-H-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SODIUM        | 339           | Y           | J             |              | J         | 339                 | mg/kg | 286    | mg/kg |
| RY540-H      | 10FC-RY540-H-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.7           | N           | U             |              | U         | 1.7                 | mg/kg | 1.7    | mg/kg |
| RY540-H      | 10FC-RY540-H-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ANTIMONY      | 4.1           | Y           | J             | J            | J         | 4.1                 | mg/kg | 0.44   | mg/kg |
| RY540-H      | 10FC-RY540-H-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.68          | Y           |               |              |           | 0.68                | mg/kg | 3.2    | mg/kg |
| RY540-H      | 10FC-RY540-H-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | BARIUM        | 13.5          | Y           |               |              |           | 13.5                | mg/kg | 149    | mg/kg |
| RY540-H      | 10FC-RY540-H-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.34          | Y           |               |              |           | 0.34                | mg/kg | 0.47   | mg/kg |
| RY540-H      | 10FC-RY540-H-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.34          | Y           | J             |              | J         | 0.34                | mg/kg | 0.05   | mg/kg |
| RY540-H      | 10FC-RY540-H-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.68          | Y           |               |              |           | 0.68                | mg/kg | 6.9    | mg/kg |
| RY540-H      | 10FC-RY540-H-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | COBALT        | 3.4           | Y           |               |              |           | 3.4                 | mg/kg | 5.3    | mg/kg |
| RY540-H      | 10FC-RY540-H-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | COPPER        | 1.7           | Y           |               |              |           | 1.7                 | mg/kg | 10     | mg/kg |
| RY540-H      | 10FC-RY540-H-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | VANADIUM      | 3.4           | Y           |               |              |           | 3.4                 | mg/kg | 12.3   | mg/kg |
| RY540-H      | 10FC-RY540-H-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ZINC          | 4.1           | Y           |               |              |           | 4.1                 | mg/kg | 29.5   | mg/kg |
| RY540-H      | 10FC-RY540-H-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CALCIUM       | 339           | Y           | J             | J            |           | 339                 | mg/kg | 1770   | mg/kg |
| RY540-H      | 10FC-RY540-H-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.4           | Y           | J             | J            | J         | 2.4                 | mg/kg | 1.6    | mg/kg |
| RY552-A      | 10FC-RY552-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ALUMINUM      | 12.7          | Y           |               |              |           | 12.7                | mg/kg | 7890   | mg/kg |
| RY552-A      | 10FC-RY552-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | IRON          | 6.4           | Y           |               |              |           | 6.4                 | mg/kg | 9610   | mg/kg |
| RY552-A      | 10FC-RY552-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | LEAD          | 0.64          | Y           |               |              |           | 0.64                | mg/kg | 9.3    | mg/kg |
| RY552-A      | 10FC-RY552-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 319           | Y           |               |              |           | 319                 | mg/kg | 2580   | mg/kg |
| RY552-A      | 10FC-RY552-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | MANGANESE     | 0.96          | Y           |               |              |           | 0.96                | mg/kg | 448    | mg/kg |
| RY552-A      | 10FC-RY552-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | NICKEL        | 2.5           | Y           |               |              |           | 2.5                 | mg/kg | 6.8    | mg/kg |
| RY552-A      | 10FC-RY552-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | POTASSIUM     | 319           | Y           | J             | J            |           | 319                 | mg/kg | 1230   | mg/kg |
| RY552-A      | 10FC-RY552-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SILVER        | 0.64          | N           | UJ            | UJ           | U         | 0.64                | mg/kg | 0.64   | mg/kg |
| RY552-A      | 10FC-RY552-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SODIUM        | 319           | Y           | J             |              | J         | 319                 | mg/kg | 104    | mg/kg |
| RY552-A      | 10FC-RY552-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.6           | N           | U             |              | U         | 1.6                 | mg/kg | 1.6    | mg/kg |
| RY552-A      | 10FC-RY552-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ANTIMONY      | 3.8           | Y           | J             | J            | J         | 3.8                 | mg/kg | 0.51   | mg/kg |
| RY552-A      | 10FC-RY552-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.64          | Y           |               |              |           | 0.64                | mg/kg | 3.3    | mg/kg |
| RY552-A      | 10FC-RY552-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | BARIUM        | 12.7          | Y           |               |              |           | 12.7                | mg/kg | 143    | mg/kg |
| RY552-A      | 10FC-RY552-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.32          | Y           |               |              |           | 0.32                | mg/kg | 0.44   | mg/kg |
| RY552-A      | 10FC-RY552-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.32          | Y           | J             |              | J         | 0.32                | mg/kg | 0.07   | mg/kg |
| RY552-A      | 10FC-RY552-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.64          | Y           |               |              |           | 0.64                | mg/kg | 6.3    | mg/kg |
| RY552-A      | 10FC-RY552-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | COBALT        | 3.2           | Y           |               |              |           | 3.2                 | mg/kg | 4.9    | mg/kg |
| RY552-A      | 10FC-RY552-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | COPPER        | 1.6           | Y           |               |              |           | 1.6                 | mg/kg | 7.7    | mg/kg |
| RY552-A      | 10FC-RY552-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | VANADIUM      | 3.2           | Y           |               |              |           | 3.2                 | mg/kg | 13.8   | mg/kg |
| RY552-A      | 10FC-RY552-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ZINC          | 3.8           | Y           |               |              |           | 3.8                 | mg/kg | 29.8   | mg/kg |
| RY552-A      | 10FC-RY552-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CALCIUM       | 319           | Y           | J             | J            |           | 319                 | mg/kg | 2300   | mg/kg |
| RY552-A      | 10FC-RY552-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.2           | Y           | J             | J            | J         | 2.2                 | mg/kg | 1.6    | mg/kg |
| RY552-A      | 10FC-RY552-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ALUMINUM      | 13.3          | Y           |               |              |           | 13.3                | mg/kg | 8090   | mg/kg |
| RY552-A      | 10FC-RY552-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | IRON          | 6.6           | Y           |               |              |           | 6.6                 | mg/kg | 9660   | mg/kg |
| RY552-A      | 10FC-RY552-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | LEAD          | 0.66          | Y           |               |              |           | 0.66                | mg/kg | 7.2    | mg/kg |
| RY552-A      | 10FC-RY552-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 332           | Y           |               |              |           | 332                 | mg/kg | 2490   | mg/kg |

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| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY552-A      | 10FC-RY552-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | MANGANESE     | 0.99          | Y           |               |              |           | 0.99          | mg/kg | 396    | mg/kg |
| RY552-A      | 10FC-RY552-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | NICKEL        | 2.7           | Y           |               |              |           | 2.7           | mg/kg | 6.4    | mg/kg |
| RY552-A      | 10FC-RY552-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | POTASSIUM     | 332           | Y           | J             | J            |           | 332           | mg/kg | 1150   | mg/kg |
| RY552-A      | 10FC-RY552-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SILVER        | 0.66          | N           | UJ            | UJ           | U         | 0.66          | mg/kg | 0.66   | mg/kg |
| RY552-A      | 10FC-RY552-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SODIUM        | 332           | Y           | J             |              | J         | 332           | mg/kg | 112    | mg/kg |
| RY552-A      | 10FC-RY552-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.7           | N           | U             |              | U         | 1.7           | mg/kg | 1.7    | mg/kg |
| RY552-A      | 10FC-RY552-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ANTIMONY      | 4.0           | Y           | J             | J            | J         | 4.0           | mg/kg | 0.4    | mg/kg |
| RY552-A      | 10FC-RY552-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.66          | Y           |               |              |           | 0.66          | mg/kg | 3.1    | mg/kg |
| RY552-A      | 10FC-RY552-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | BARIUM        | 13.3          | Y           |               |              |           | 13.3          | mg/kg | 121    | mg/kg |
| RY552-A      | 10FC-RY552-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.33          | Y           |               |              |           | 0.33          | mg/kg | 0.45   | mg/kg |
| RY552-A      | 10FC-RY552-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.33          | Y           | J             |              | J         | 0.33          | mg/kg | 0.04   | mg/kg |
| RY552-A      | 10FC-RY552-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.66          | Y           |               |              |           | 0.66          | mg/kg | 6.2    | mg/kg |
| RY552-A      | 10FC-RY552-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | COBALT        | 3.3           | Y           |               |              |           | 3.3           | mg/kg | 4.9    | mg/kg |
| RY552-A      | 10FC-RY552-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | COPPER        | 1.7           | Y           |               |              |           | 1.7           | mg/kg | 7.8    | mg/kg |
| RY552-A      | 10FC-RY552-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | VANADIUM      | 3.3           | Y           |               |              |           | 3.3           | mg/kg | 14.2   | mg/kg |
| RY552-A      | 10FC-RY552-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ZINC          | 4.0           | Y           |               |              |           | 4.0           | mg/kg | 26.2   | mg/kg |
| RY552-A      | 10FC-RY552-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CALCIUM       | 332           | Y           | J             | J            |           | 332           | mg/kg | 1800   | mg/kg |
| RY552-A      | 10FC-RY552-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.3           | Y           | J             | J            | J         | 2.3           | mg/kg | 1.4    | mg/kg |
| RY552-A      | 10FC-RY552-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ALUMINUM      | 12.3          | Y           |               |              |           | 12.3          | mg/kg | 8160   | mg/kg |
| RY552-A      | 10FC-RY552-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | IRON          | 6.1           | Y           |               |              |           | 6.1           | mg/kg | 9450   | mg/kg |
| RY552-A      | 10FC-RY552-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | LEAD          | 0.61          | Y           |               |              |           | 0.61          | mg/kg | 6.2    | mg/kg |
| RY552-A      | 10FC-RY552-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 307           | Y           |               |              |           | 307           | mg/kg | 2440   | mg/kg |
| RY552-A      | 10FC-RY552-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | MANGANESE     | 0.92          | Y           |               |              |           | 0.92          | mg/kg | 288    | mg/kg |
| RY552-A      | 10FC-RY552-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | NICKEL        | 2.5           | Y           |               |              |           | 2.5           | mg/kg | 6.6    | mg/kg |
| RY552-A      | 10FC-RY552-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | POTASSIUM     | 307           | Y           | J             | J            |           | 307           | mg/kg | 1000   | mg/kg |
| RY552-A      | 10FC-RY552-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SILVER        | 0.61          | N           | UJ            | UJ           | U         | 0.61          | mg/kg | 0.61   | mg/kg |
| RY552-A      | 10FC-RY552-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SODIUM        | 307           | Y           | J             |              | J         | 307           | mg/kg | 122    | mg/kg |
| RY552-A      | 10FC-RY552-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.5           | N           | U             |              | U         | 1.5           | mg/kg | 1.5    | mg/kg |
| RY552-A      | 10FC-RY552-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ANTIMONY      | 3.7           | Y           | J             | J            | J         | 3.7           | mg/kg | 0.35   | mg/kg |
| RY552-A      | 10FC-RY552-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.61          | Y           |               |              |           | 0.61          | mg/kg | 3.1    | mg/kg |
| RY552-A      | 10FC-RY552-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | BARIUM        | 12.3          | Y           |               |              |           | 12.3          | mg/kg | 101    | mg/kg |
| RY552-A      | 10FC-RY552-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.31          | Y           |               |              |           | 0.31          | mg/kg | 0.44   | mg/kg |
| RY552-A      | 10FC-RY552-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.31          | N           | U             |              | U         | 0.31          | mg/kg | 0.31   | mg/kg |
| RY552-A      | 10FC-RY552-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.61          | Y           |               |              |           | 0.61          | mg/kg | 6.1    | mg/kg |
| RY552-A      | 10FC-RY552-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | COBALT        | 3.1           | Y           |               |              |           | 3.1           | mg/kg | 4.7    | mg/kg |
| RY552-A      | 10FC-RY552-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | COPPER        | 1.5           | Y           |               |              |           | 1.5           | mg/kg | 7.6    | mg/kg |
| RY552-A      | 10FC-RY552-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | VANADIUM      | 3.1           | Y           |               |              |           | 3.1           | mg/kg | 13.8   | mg/kg |
| RY552-A      | 10FC-RY552-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ZINC          | 3.7           | Y           |               |              |           | 3.7           | mg/kg | 21.3   | mg/kg |
| RY552-A      | 10FC-RY552-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CALCIUM       | 307           | Y           | J             | J            |           | 307           | mg/kg | 1400   | mg/kg |
| RY552-A      | 10FC-RY552-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.1           | Y           | J             | J            | J         | 2.1           | mg/kg | 1.5    | mg/kg |
| RY553-A      | 10FC-RY553-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ALUMINUM      | 13.5          | Y           |               |              |           | 13.5          | mg/kg | 6880   | mg/kg |
| RY553-A      | 10FC-RY553-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | IRON          | 6.8           | Y           |               |              |           | 6.8           | mg/kg | 9800   | mg/kg |
| RY553-A      | 10FC-RY553-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | LEAD          | 0.68          | Y           |               |              |           | 0.68          | mg/kg | 8.2    | mg/kg |
| RY553-A      | 10FC-RY553-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 338           | Y           |               |              |           | 338           | mg/kg | 2760   | mg/kg |
| RY553-A      | 10FC-RY553-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | MANGANESE     | 1.0           | Y           |               |              |           | 1.0           | mg/kg | 448    | mg/kg |
| RY553-A      | 10FC-RY553-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | NICKEL        | 2.7           | Y           |               |              |           | 2.7           | mg/kg | 6.8    | mg/kg |
| RY553-A      | 10FC-RY553-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | POTASSIUM     | 338           | Y           | J             | J            |           | 338           | mg/kg | 1100   | mg/kg |
| RY553-A      | 10FC-RY553-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SILVER        | 0.68          | N           | UJ            | UJ           | U         | 0.68          | mg/kg | 0.68   | mg/kg |

## Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report | detect flag | interp. quals | valid. quals | lab quals | report | result | unit        |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|--------|-------------|---------------|--------------|-----------|--------|--------|-------------|
|              |                     |             |             |             |           |            |                 |               |               | result |             |               |              |           | detect |        |             |
| RY553-A      | 10FC-RY553-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SODIUM        | 338    | Y           | J             |              | J         | 338    | mg/kg  | 123 mg/kg   |
| RY553-A      | 10FC-RY553-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.7    | N           | U             |              | U         | 1.7    | mg/kg  | 1.7 mg/kg   |
| RY553-A      | 10FC-RY553-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ANTIMONY      | 4.1    | Y           | J             | J            | J         | 4.1    | mg/kg  | 0.49 mg/kg  |
| RY553-A      | 10FC-RY553-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.68   | Y           |               |              |           | 0.68   | mg/kg  | 3.3 mg/kg   |
| RY553-A      | 10FC-RY553-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | BARIUM        | 13.5   | Y           |               |              |           | 13.5   | mg/kg  | 119 mg/kg   |
| RY553-A      | 10FC-RY553-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.34   | Y           |               |              |           | 0.34   | mg/kg  | 0.41 mg/kg  |
| RY553-A      | 10FC-RY553-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.34   | Y           | J             |              | J         | 0.34   | mg/kg  | 0.04 mg/kg  |
| RY553-A      | 10FC-RY553-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.68   | Y           |               |              |           | 0.68   | mg/kg  | 6.4 mg/kg   |
| RY553-A      | 10FC-RY553-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | COBALT        | 3.4    | Y           |               |              |           | 3.4    | mg/kg  | 4.6 mg/kg   |
| RY553-A      | 10FC-RY553-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | COPPER        | 1.7    | Y           |               |              |           | 1.7    | mg/kg  | 8.1 mg/kg   |
| RY553-A      | 10FC-RY553-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | VANADIUM      | 3.4    | Y           |               |              |           | 3.4    | mg/kg  | 14.1 mg/kg  |
| RY553-A      | 10FC-RY553-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ZINC          | 4.1    | Y           |               |              |           | 4.1    | mg/kg  | 30.8 mg/kg  |
| RY553-A      | 10FC-RY553-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CALCIUM       | 338    | Y           | J             | J            |           | 338    | mg/kg  | 1780 mg/kg  |
| RY553-A      | 10FC-RY553-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.4    | Y           | J             | J            | J         | 2.4    | mg/kg  | 1.4 mg/kg   |
| RY553-A      | 10FC-RY553-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ALUMINUM      | 13.6   | Y           |               |              |           | 13.6   | mg/kg  | 6600 mg/kg  |
| RY553-A      | 10FC-RY553-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | IRON          | 6.8    | Y           |               |              |           | 6.8    | mg/kg  | 9510 mg/kg  |
| RY553-A      | 10FC-RY553-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | LEAD          | 0.68   | Y           |               |              |           | 0.68   | mg/kg  | 5.9 mg/kg   |
| RY553-A      | 10FC-RY553-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 340    | Y           |               |              |           | 340    | mg/kg  | 2670 mg/kg  |
| RY553-A      | 10FC-RY553-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | MANGANESE     | 1.0    | Y           |               |              |           | 1.0    | mg/kg  | 315 mg/kg   |
| RY553-A      | 10FC-RY553-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | NICKEL        | 2.7    | Y           |               |              |           | 2.7    | mg/kg  | 6.4 mg/kg   |
| RY553-A      | 10FC-RY553-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | POTASSIUM     | 340    | Y           | J             | J            |           | 340    | mg/kg  | 986 mg/kg   |
| RY553-A      | 10FC-RY553-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SILVER        | 0.68   | N           | UJ            | UJ           | U         | 0.68   | mg/kg  | 0.68 mg/kg  |
| RY553-A      | 10FC-RY553-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SODIUM        | 340    | Y           | J             |              | J         | 340    | mg/kg  | 112 mg/kg   |
| RY553-A      | 10FC-RY553-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.7    | N           | U             |              | U         | 1.7    | mg/kg  | 1.7 mg/kg   |
| RY553-A      | 10FC-RY553-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ANTIMONY      | 4.1    | Y           | J             | J            | J         | 4.1    | mg/kg  | 0.44 mg/kg  |
| RY553-A      | 10FC-RY553-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.68   | Y           |               |              |           | 0.68   | mg/kg  | 3 mg/kg     |
| RY553-A      | 10FC-RY553-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | BARIUM        | 13.6   | Y           |               |              |           | 13.6   | mg/kg  | 91 mg/kg    |
| RY553-A      | 10FC-RY553-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.34   | Y           |               |              |           | 0.34   | mg/kg  | 0.39 mg/kg  |
| RY553-A      | 10FC-RY553-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.34   | N           | U             |              | U         | 0.34   | mg/kg  | 0.34 mg/kg  |
| RY553-A      | 10FC-RY553-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.68   | Y           |               |              |           | 0.68   | mg/kg  | 5.9 mg/kg   |
| RY553-A      | 10FC-RY553-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | COBALT        | 3.4    | Y           |               |              |           | 3.4    | mg/kg  | 4.5 mg/kg   |
| RY553-A      | 10FC-RY553-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | COPPER        | 1.7    | Y           |               |              |           | 1.7    | mg/kg  | 7.5 mg/kg   |
| RY553-A      | 10FC-RY553-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | VANADIUM      | 3.4    | Y           |               |              |           | 3.4    | mg/kg  | 13.9 mg/kg  |
| RY553-A      | 10FC-RY553-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ZINC          | 4.1    | Y           |               |              |           | 4.1    | mg/kg  | 23.4 mg/kg  |
| RY553-A      | 10FC-RY553-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CALCIUM       | 340    | Y           | J             | J            |           | 340    | mg/kg  | 1410 mg/kg  |
| RY553-A      | 10FC-RY553-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.4    | Y           | J             | J            | J         | 2.4    | mg/kg  | 1.5 mg/kg   |
| RY553-A      | 10FC-RY553-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ALUMINUM      | 13.1   | Y           |               |              |           | 13.1   | mg/kg  | 7790 mg/kg  |
| RY553-A      | 10FC-RY553-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | IRON          | 6.5    | Y           |               |              |           | 6.5    | mg/kg  | 10700 mg/kg |
| RY553-A      | 10FC-RY553-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | LEAD          | 0.65   | Y           |               |              |           | 0.65   | mg/kg  | 6.7 mg/kg   |
| RY553-A      | 10FC-RY553-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 327    | Y           |               |              |           | 327    | mg/kg  | 3080 mg/kg  |
| RY553-A      | 10FC-RY553-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | MANGANESE     | 0.98   | Y           |               |              |           | 0.98   | mg/kg  | 324 mg/kg   |
| RY553-A      | 10FC-RY553-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | NICKEL        | 2.6    | Y           |               |              |           | 2.6    | mg/kg  | 7.1 mg/kg   |
| RY553-A      | 10FC-RY553-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | POTASSIUM     | 327    | Y           | J             | J            |           | 327    | mg/kg  | 1060 mg/kg  |
| RY553-A      | 10FC-RY553-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SILVER        | 0.65   | N           | UJ            | UJ           | U         | 0.65   | mg/kg  | 0.65 mg/kg  |
| RY553-A      | 10FC-RY553-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SODIUM        | 327    | Y           | J             |              | J         | 327    | mg/kg  | 138 mg/kg   |
| RY553-A      | 10FC-RY553-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.6    | N           | U             |              | U         | 1.6    | mg/kg  | 1.6 mg/kg   |
| RY553-A      | 10FC-RY553-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ANTIMONY      | 3.9    | Y           | J             | J            | J         | 3.9    | mg/kg  | 0.4 mg/kg   |
| RY553-A      | 10FC-RY553-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.65   | Y           |               |              |           | 0.65   | mg/kg  | 3.1 mg/kg   |



Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY553-A      | 10FC-RY553-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | BARIUM        | 13.1                | Y           |               |              |           | 13.1                | mg/kg | 97.2   | mg/kg |
| RY553-A      | 10FC-RY553-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.33                | Y           |               |              |           | 0.33                | mg/kg | 0.43   | mg/kg |
| RY553-A      | 10FC-RY553-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.33                | N           | U             |              | U         | 0.33                | mg/kg | 0.33   | mg/kg |
| RY553-A      | 10FC-RY553-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.65                | Y           |               |              |           | 0.65                | mg/kg | 6.7    | mg/kg |
| RY553-A      | 10FC-RY553-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | COBALT        | 3.3                 | Y           |               |              |           | 3.3                 | mg/kg | 5.4    | mg/kg |
| RY553-A      | 10FC-RY553-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | COPPER        | 1.6                 | Y           |               |              |           | 1.6                 | mg/kg | 9      | mg/kg |
| RY553-A      | 10FC-RY553-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | VANADIUM      | 3.3                 | Y           |               |              |           | 3.3                 | mg/kg | 16     | mg/kg |
| RY553-A      | 10FC-RY553-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ZINC          | 3.9                 | Y           |               |              |           | 3.9                 | mg/kg | 25.6   | mg/kg |
| RY553-A      | 10FC-RY553-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CALCIUM       | 327                 | Y           | J             | J            |           | 327                 | mg/kg | 1520   | mg/kg |
| RY553-A      | 10FC-RY553-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.3                 | Y           | J             | J            | J         | 2.3                 | mg/kg | 1.5    | mg/kg |
| RY554-A      | 10FC-RY554-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ALUMINUM      | 12.0                | Y           |               |              |           | 12.0                | mg/kg | 6680   | mg/kg |
| RY554-A      | 10FC-RY554-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | IRON          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 9260   | mg/kg |
| RY554-A      | 10FC-RY554-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | LEAD          | 0.60                | Y           |               |              |           | 0.60                | mg/kg | 5.1    | mg/kg |
| RY554-A      | 10FC-RY554-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 301                 | Y           |               |              |           | 301                 | mg/kg | 2760   | mg/kg |
| RY554-A      | 10FC-RY554-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | MANGANESE     | 0.90                | Y           |               |              |           | 0.90                | mg/kg | 360    | mg/kg |
| RY554-A      | 10FC-RY554-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | NICKEL        | 2.4                 | Y           |               |              |           | 2.4                 | mg/kg | 6.3    | mg/kg |
| RY554-A      | 10FC-RY554-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | POTASSIUM     | 301                 | Y           | J             | J            |           | 301                 | mg/kg | 858    | mg/kg |
| RY554-A      | 10FC-RY554-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SILVER        | 0.60                | N           | UJ            | UJ           | U         | 0.60                | mg/kg | 0.6    | mg/kg |
| RY554-A      | 10FC-RY554-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SODIUM        | 301                 | Y           | J             |              | J         | 301                 | mg/kg | 99.8   | mg/kg |
| RY554-A      | 10FC-RY554-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.5                 | N           | U             |              | U         | 1.5                 | mg/kg | 1.5    | mg/kg |
| RY554-A      | 10FC-RY554-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ANTIMONY      | 3.6                 | Y           | J             | J            | J         | 3.6                 | mg/kg | 0.38   | mg/kg |
| RY554-A      | 10FC-RY554-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.60                | Y           |               |              |           | 0.60                | mg/kg | 2.4    | mg/kg |
| RY554-A      | 10FC-RY554-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | BARIUM        | 12.0                | Y           |               |              |           | 12.0                | mg/kg | 79     | mg/kg |
| RY554-A      | 10FC-RY554-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.30                | Y           |               |              |           | 0.30                | mg/kg | 0.35   | mg/kg |
| RY554-A      | 10FC-RY554-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.30                | N           | U             |              | U         | 0.30                | mg/kg | 0.3    | mg/kg |
| RY554-A      | 10FC-RY554-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.60                | Y           |               |              |           | 0.60                | mg/kg | 5.7    | mg/kg |
| RY554-A      | 10FC-RY554-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | COBALT        | 3.0                 | Y           |               |              |           | 3.0                 | mg/kg | 4.3    | mg/kg |
| RY554-A      | 10FC-RY554-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | COPPER        | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 5.9    | mg/kg |
| RY554-A      | 10FC-RY554-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | VANADIUM      | 3.0                 | Y           |               |              |           | 3.0                 | mg/kg | 12.3   | mg/kg |
| RY554-A      | 10FC-RY554-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ZINC          | 3.6                 | Y           |               |              |           | 3.6                 | mg/kg | 26.9   | mg/kg |
| RY554-A      | 10FC-RY554-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CALCIUM       | 301                 | Y           | J             | J            |           | 301                 | mg/kg | 1070   | mg/kg |
| RY554-A      | 10FC-RY554-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.1                 | Y           | J             | J            | J         | 2.1                 | mg/kg | 1.5    | mg/kg |
| RY554-A      | 10FC-RY554-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ALUMINUM      | 12.4                | Y           |               |              |           | 12.4                | mg/kg | 6500   | mg/kg |
| RY554-A      | 10FC-RY554-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | IRON          | 6.2                 | Y           |               |              |           | 6.2                 | mg/kg | 9410   | mg/kg |
| RY554-A      | 10FC-RY554-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | LEAD          | 0.62                | Y           |               |              |           | 0.62                | mg/kg | 5.4    | mg/kg |
| RY554-A      | 10FC-RY554-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 310                 | Y           |               |              |           | 310                 | mg/kg | 2640   | mg/kg |
| RY554-A      | 10FC-RY554-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | MANGANESE     | 0.93                | Y           |               |              |           | 0.93                | mg/kg | 272    | mg/kg |
| RY554-A      | 10FC-RY554-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | NICKEL        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 6      | mg/kg |
| RY554-A      | 10FC-RY554-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | POTASSIUM     | 310                 | Y           | J             | J            |           | 310                 | mg/kg | 789    | mg/kg |
| RY554-A      | 10FC-RY554-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SILVER        | 0.62                | N           | UJ            | UJ           | U         | 0.62                | mg/kg | 0.62   | mg/kg |
| RY554-A      | 10FC-RY554-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SODIUM        | 310                 | Y           | J             |              | J         | 310                 | mg/kg | 92.5   | mg/kg |
| RY554-A      | 10FC-RY554-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.5                 | N           | U             |              | U         | 1.5                 | mg/kg | 1.5    | mg/kg |
| RY554-A      | 10FC-RY554-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ANTIMONY      | 3.7                 | Y           | J             | J            | J         | 3.7                 | mg/kg | 0.41   | mg/kg |
| RY554-A      | 10FC-RY554-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.62                | Y           |               |              |           | 0.62                | mg/kg | 2.9    | mg/kg |
| RY554-A      | 10FC-RY554-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | BARIUM        | 12.4                | Y           |               |              |           | 12.4                | mg/kg | 73     | mg/kg |
| RY554-A      | 10FC-RY554-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.31                | Y           |               |              |           | 0.31                | mg/kg | 0.36   | mg/kg |
| RY554-A      | 10FC-RY554-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.31                | N           | U             |              | U         | 0.31                | mg/kg | 0.31   | mg/kg |
| RY554-A      | 10FC-RY554-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.62                | Y           |               |              |           | 0.62                | mg/kg | 5.9    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY554-A      | 10FC-RY554-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | COBALT        | 3.1           | Y           |               |              |           | 3.1           | mg/kg | 4      | mg/kg |
| RY554-A      | 10FC-RY554-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | COPPER        | 1.5           | Y           |               |              |           | 1.5           | mg/kg | 6.1    | mg/kg |
| RY554-A      | 10FC-RY554-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | VANADIUM      | 3.1           | Y           |               |              |           | 3.1           | mg/kg | 12.6   | mg/kg |
| RY554-A      | 10FC-RY554-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ZINC          | 3.7           | Y           |               |              |           | 3.7           | mg/kg | 20.6   | mg/kg |
| RY554-A      | 10FC-RY554-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CALCIUM       | 310           | Y           | J             | J            |           | 310           | mg/kg | 969    | mg/kg |
| RY554-A      | 10FC-RY554-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.2           | Y           | J             | J            | J         | 2.2           | mg/kg | 1.6    | mg/kg |
| RY554-A      | 10FC-RY554-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ALUMINUM      | 12.9          | Y           |               |              |           | 12.9          | mg/kg | 6630   | mg/kg |
| RY554-A      | 10FC-RY554-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | IRON          | 6.4           | Y           |               |              |           | 6.4           | mg/kg | 8860   | mg/kg |
| RY554-A      | 10FC-RY554-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | LEAD          | 0.64          | Y           |               |              |           | 0.64          | mg/kg | 4.8    | mg/kg |
| RY554-A      | 10FC-RY554-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 321           | Y           |               |              |           | 321           | mg/kg | 2820   | mg/kg |
| RY554-A      | 10FC-RY554-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | MANGANESE     | 0.96          | Y           |               |              |           | 0.96          | mg/kg | 292    | mg/kg |
| RY554-A      | 10FC-RY554-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | NICKEL        | 2.6           | Y           |               |              |           | 2.6           | mg/kg | 6.1    | mg/kg |
| RY554-A      | 10FC-RY554-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | POTASSIUM     | 321           | Y           | J             | J            |           | 321           | mg/kg | 769    | mg/kg |
| RY554-A      | 10FC-RY554-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SILVER        | 0.64          | N           | UJ            | UJ           |           | 0.64          | mg/kg | 0.64   | mg/kg |
| RY554-A      | 10FC-RY554-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SODIUM        | 321           | Y           | J             |              | J         | 321           | mg/kg | 95.5   | mg/kg |
| RY554-A      | 10FC-RY554-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.6           | N           | U             |              | U         | 1.6           | mg/kg | 1.6    | mg/kg |
| RY554-A      | 10FC-RY554-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ANTIMONY      | 3.9           | Y           | J             | J            | J         | 3.9           | mg/kg | 0.37   | mg/kg |
| RY554-A      | 10FC-RY554-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.64          | Y           |               |              |           | 0.64          | mg/kg | 2.6    | mg/kg |
| RY554-A      | 10FC-RY554-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | BARIUM        | 12.9          | Y           |               |              |           | 12.9          | mg/kg | 66.6   | mg/kg |
| RY554-A      | 10FC-RY554-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.32          | Y           |               |              |           | 0.32          | mg/kg | 0.36   | mg/kg |
| RY554-A      | 10FC-RY554-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.32          | N           | U             |              | U         | 0.32          | mg/kg | 0.32   | mg/kg |
| RY554-A      | 10FC-RY554-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.64          | Y           |               |              |           | 0.64          | mg/kg | 5.4    | mg/kg |
| RY554-A      | 10FC-RY554-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | COBALT        | 3.2           | Y           |               |              |           | 3.2           | mg/kg | 4.4    | mg/kg |
| RY554-A      | 10FC-RY554-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | COPPER        | 1.6           | Y           |               |              |           | 1.6           | mg/kg | 5.9    | mg/kg |
| RY554-A      | 10FC-RY554-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | VANADIUM      | 3.2           | Y           |               |              |           | 3.2           | mg/kg | 12     | mg/kg |
| RY554-A      | 10FC-RY554-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ZINC          | 3.9           | Y           |               |              |           | 3.9           | mg/kg | 20.4   | mg/kg |
| RY554-A      | 10FC-RY554-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CALCIUM       | 321           | Y           | J             | J            |           | 321           | mg/kg | 1040   | mg/kg |
| RY554-A      | 10FC-RY554-A-006012 | 6/24/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.2           | Y           | J             | J            | J         | 2.2           | mg/kg | 1.2    | mg/kg |
| RY555-A      | 10FC-RY555-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ALUMINUM      | 11.0          | Y           |               |              |           | 11.0          | mg/kg | 7410   | mg/kg |
| RY555-A      | 10FC-RY555-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | IRON          | 5.5           | Y           |               |              |           | 5.5           | mg/kg | 9300   | mg/kg |
| RY555-A      | 10FC-RY555-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | LEAD          | 0.55          | Y           |               |              |           | 0.55          | mg/kg | 5.3    | mg/kg |
| RY555-A      | 10FC-RY555-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 276           | Y           |               |              |           | 276           | mg/kg | 2710   | mg/kg |
| RY555-A      | 10FC-RY555-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | MANGANESE     | 0.83          | Y           |               |              |           | 0.83          | mg/kg | 434    | mg/kg |
| RY555-A      | 10FC-RY555-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | NICKEL        | 2.2           | Y           |               |              |           | 2.2           | mg/kg | 6.4    | mg/kg |
| RY555-A      | 10FC-RY555-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | POTASSIUM     | 276           | Y           | J             | J            |           | 276           | mg/kg | 909    | mg/kg |
| RY555-A      | 10FC-RY555-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SILVER        | 0.55          | N           | UJ            | UJ           | U         | 0.55          | mg/kg | 0.55   | mg/kg |
| RY555-A      | 10FC-RY555-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SODIUM        | 276           | Y           | J             |              | J         | 276           | mg/kg | 103    | mg/kg |
| RY555-A      | 10FC-RY555-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.4           | N           | U             |              | U         | 1.4           | mg/kg | 1.4    | mg/kg |
| RY555-A      | 10FC-RY555-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ANTIMONY      | 3.3           | Y           | J             | J            | J         | 3.3           | mg/kg | 0.32   | mg/kg |
| RY555-A      | 10FC-RY555-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.55          | Y           |               |              |           | 0.55          | mg/kg | 2.9    | mg/kg |
| RY555-A      | 10FC-RY555-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | BARIUM        | 11.0          | Y           |               |              |           | 11.0          | mg/kg | 102    | mg/kg |
| RY555-A      | 10FC-RY555-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.28          | Y           |               |              |           | 0.28          | mg/kg | 0.38   | mg/kg |
| RY555-A      | 10FC-RY555-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.28          | N           | U             |              | U         | 0.28          | mg/kg | 0.28   | mg/kg |
| RY555-A      | 10FC-RY555-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.55          | Y           |               |              |           | 0.55          | mg/kg | 5.7    | mg/kg |
| RY555-A      | 10FC-RY555-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | COBALT        | 2.8           | Y           |               |              |           | 2.8           | mg/kg | 5.8    | mg/kg |
| RY555-A      | 10FC-RY555-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | COPPER        | 1.4           | Y           |               |              |           | 1.4           | mg/kg | 5.4    | mg/kg |
| RY555-A      | 10FC-RY555-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | VANADIUM      | 2.8           | Y           |               |              |           | 2.8           | mg/kg | 11.9   | mg/kg |
| RY555-A      | 10FC-RY555-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ZINC          | 3.3           | Y           |               |              |           | 3.3           | mg/kg | 28.5   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY555-A      | 10FC-RY555-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CALCIUM       | 276           | Y           | J             | J            |           | 276           | mg/kg | 1220   | mg/kg |
| RY555-A      | 10FC-RY555-A-000002 | 6/24/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SELENIUM      | 1.9           | Y           | J             | J            | J         | 1.9           | mg/kg | 1.3    | mg/kg |
| RY555-A      | 10FC-RY555-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ALUMINUM      | 12.5          | Y           |               |              |           | 12.5          | mg/kg | 8150   | mg/kg |
| RY555-A      | 10FC-RY555-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | IRON          | 6.3           | Y           |               |              |           | 6.3           | mg/kg | 9850   | mg/kg |
| RY555-A      | 10FC-RY555-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | LEAD          | 0.63          | Y           |               |              |           | 0.63          | mg/kg | 5      | mg/kg |
| RY555-A      | 10FC-RY555-A-002006 | 6/24/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 313           | Y           |               |              |           | 313           | mg/kg | 2660   | mg/kg |
| RY557-D      | 10FC-RY557-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | MANGANESE     | 0.94          | Y           |               |              |           | 0.94          | mg/kg | 347    | mg/kg |
| RY557-D      | 10FC-RY557-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | NICKEL        | 2.5           | Y           |               |              |           | 2.5           | mg/kg | 5.4    | mg/kg |
| RY557-D      | 10FC-RY557-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | POTASSIUM     | 314           | Y           |               |              |           | 314           | mg/kg | 714    | mg/kg |
| RY557-D      | 10FC-RY557-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SILVER        | 0.63          | N           | U             |              | U         | 0.63          | mg/kg | 0.63   | mg/kg |
| RY557-D      | 10FC-RY557-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SODIUM        | 314           | Y           | J             |              | J         | 314           | mg/kg | 178    | mg/kg |
| RY557-D      | 10FC-RY557-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.6           | N           | U             |              | U         | 1.6           | mg/kg | 1.6    | mg/kg |
| RY557-D      | 10FC-RY557-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ANTIMONY      | 3.8           | Y           | J             | J            | J         | 3.8           | mg/kg | 0.4    | mg/kg |
| RY557-D      | 10FC-RY557-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.63          | Y           |               |              |           | 0.63          | mg/kg | 2.9    | mg/kg |
| RY557-D      | 10FC-RY557-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | BARIUM        | 12.6          | Y           |               |              |           | 12.6          | mg/kg | 94.9   | mg/kg |
| RY557-D      | 10FC-RY557-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.31          | Y           |               |              |           | 0.31          | mg/kg | 0.34   | mg/kg |
| RY557-D      | 10FC-RY557-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.31          | Y           | J             |              | J         | 0.31          | mg/kg | 0.03   | mg/kg |
| RY557-D      | 10FC-RY557-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.63          | Y           | J             | J            |           | 0.63          | mg/kg | 5.2    | mg/kg |
| RY557-D      | 10FC-RY557-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | COBALT        | 3.1           | Y           |               |              |           | 3.1           | mg/kg | 4.9    | mg/kg |
| RY557-D      | 10FC-RY557-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | COPPER        | 1.6           | Y           |               |              |           | 1.6           | mg/kg | 7.8    | mg/kg |
| RY557-D      | 10FC-RY557-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | VANADIUM      | 3.1           | Y           |               |              |           | 3.1           | mg/kg | 9.9    | mg/kg |
| RY557-D      | 10FC-RY557-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ZINC          | 3.8           | Y           |               |              |           | 3.8           | mg/kg | 26.8   | mg/kg |
| RY557-D      | 10FC-RY557-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CALCIUM       | 314           | Y           |               |              |           | 314           | mg/kg | 1940   | mg/kg |
| RY557-D      | 10FC-RY557-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.2           | Y           | J             |              | J         | 2.2           | mg/kg | 1.3    | mg/kg |
| RY557-E      | 10FC-RY557-E-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ALUMINUM      | 11.4          | Y           |               |              |           | 11.4          | mg/kg | 2910   | mg/kg |
| RY557-E      | 10FC-RY557-E-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | IRON          | 5.7           | Y           |               |              |           | 5.7           | mg/kg | 6440   | mg/kg |
| RY557-E      | 10FC-RY557-E-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | LEAD          | 0.57          | Y           |               |              |           | 0.57          | mg/kg | 33.6   | mg/kg |
| RY557-E      | 10FC-RY557-E-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 284           | Y           |               |              |           | 284           | mg/kg | 2170   | mg/kg |
| RY557-E      | 10FC-RY557-E-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | MANGANESE     | 0.85          | Y           |               |              |           | 0.85          | mg/kg | 168    | mg/kg |
| RY557-E      | 10FC-RY557-E-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | NICKEL        | 2.3           | Y           |               |              |           | 2.3           | mg/kg | 4.9    | mg/kg |
| RY557-E      | 10FC-RY557-E-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | POTASSIUM     | 284           | Y           |               |              |           | 284           | mg/kg | 549    | mg/kg |
| RY557-E      | 10FC-RY557-E-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SILVER        | 0.57          | N           | U             |              | U         | 0.57          | mg/kg | 0.57   | mg/kg |
| RY557-E      | 10FC-RY557-E-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SODIUM        | 284           | Y           | J             |              | J         | 284           | mg/kg | 137    | mg/kg |
| RY557-E      | 10FC-RY557-E-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.4           | N           | U             |              | U         | 1.4           | mg/kg | 1.4    | mg/kg |
| RY557-E      | 10FC-RY557-E-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ANTIMONY      | 3.4           | Y           | J             | J            | J         | 3.4           | mg/kg | 0.28   | mg/kg |
| RY557-E      | 10FC-RY557-E-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.57          | Y           |               |              |           | 0.57          | mg/kg | 3.5    | mg/kg |
| RY557-E      | 10FC-RY557-E-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | BARIUM        | 11.4          | Y           |               |              |           | 11.4          | mg/kg | 43.1   | mg/kg |
| RY557-E      | 10FC-RY557-E-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.28          | Y           | J             |              | J         | 0.28          | mg/kg | 0.23   | mg/kg |
| RY557-E      | 10FC-RY557-E-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.28          | Y           | J             |              | J         | 0.28          | mg/kg | 0.03   | mg/kg |
| RY557-E      | 10FC-RY557-E-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.57          | Y           | J             | J            |           | 0.57          | mg/kg | 4.1    | mg/kg |
| RY557-E      | 10FC-RY557-E-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | COBALT        | 2.8           | Y           |               |              |           | 2.8           | mg/kg | 3.4    | mg/kg |
| RY557-E      | 10FC-RY557-E-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | COPPER        | 1.4           | Y           |               |              |           | 1.4           | mg/kg | 6.8    | mg/kg |
| RY557-E      | 10FC-RY557-E-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | VANADIUM      | 2.8           | Y           |               |              |           | 2.8           | mg/kg | 6.7    | mg/kg |
| RY557-E      | 10FC-RY557-E-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ZINC          | 3.4           | Y           |               |              |           | 3.4           | mg/kg | 21.3   | mg/kg |
| RY557-E      | 10FC-RY557-E-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CALCIUM       | 284           | Y           |               |              |           | 284           | mg/kg | 2380   | mg/kg |
| RY557-E      | 10FC-RY557-E-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.0           | Y           | J             |              | J         | 2.0           | mg/kg | 1.2    | mg/kg |
| RY557-E      | 10FC-RY557-E-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ALUMINUM      | 12.9          | Y           |               |              |           | 12.9          | mg/kg | 3610   | mg/kg |
| RY557-E      | 10FC-RY557-E-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | IRON          | 6.4           | Y           |               |              |           | 6.4           | mg/kg | 6720   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY557-E      | 10FC-RY557-E-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | LEAD          | 0.64          | Y           |               |              |           | 0.64          | mg/kg | 7.9    | mg/kg |
| RY557-E      | 10FC-RY557-E-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 321           | Y           |               |              |           | 321           | mg/kg | 1930   | mg/kg |
| RY557-E      | 10FC-RY557-E-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | MANGANESE     | 0.96          | Y           |               |              |           | 0.96          | mg/kg | 192    | mg/kg |
| RY557-E      | 10FC-RY557-E-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | NICKEL        | 2.6           | Y           |               |              |           | 2.6           | mg/kg | 4.7    | mg/kg |
| RY557-E      | 10FC-RY557-E-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | POTASSIUM     | 321           | Y           |               |              |           | 321           | mg/kg | 643    | mg/kg |
| RY557-E      | 10FC-RY557-E-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SILVER        | 0.64          | N           | U             |              | U         | 0.64          | mg/kg | 0.64   | mg/kg |
| RY557-E      | 10FC-RY557-E-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SODIUM        | 321           | Y           | J             |              | J         | 321           | mg/kg | 138    | mg/kg |
| RY557-E      | 10FC-RY557-E-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.6           | N           | U             |              | U         | 1.6           | mg/kg | 1.6    | mg/kg |
| RY557-E      | 10FC-RY557-E-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ANTIMONY      | 3.9           | Y           | J             | J            | J         | 3.9           | mg/kg | 0.33   | mg/kg |
| RY557-E      | 10FC-RY557-E-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.64          | Y           |               |              |           | 0.64          | mg/kg | 2.8    | mg/kg |
| RY557-E      | 10FC-RY557-E-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | BARIUM        | 12.9          | Y           |               |              |           | 12.9          | mg/kg | 61.6   | mg/kg |
| RY557-E      | 10FC-RY557-E-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.32          | Y           | J             |              | J         | 0.32          | mg/kg | 0.28   | mg/kg |
| RY557-E      | 10FC-RY557-E-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.32          | N           | U             |              | U         | 0.32          | mg/kg | 0.32   | mg/kg |
| RY557-E      | 10FC-RY557-E-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.64          | Y           | J             | J            |           | 0.64          | mg/kg | 4.2    | mg/kg |
| RY557-E      | 10FC-RY557-E-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | COBALT        | 3.2           | Y           |               |              |           | 3.2           | mg/kg | 3.5    | mg/kg |
| RY557-E      | 10FC-RY557-E-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | COPPER        | 1.6           | Y           |               |              |           | 1.6           | mg/kg | 6.3    | mg/kg |
| RY557-E      | 10FC-RY557-E-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | VANADIUM      | 3.2           | Y           |               |              |           | 3.2           | mg/kg | 9      | mg/kg |
| RY557-E      | 10FC-RY557-E-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ZINC          | 3.9           | Y           |               |              |           | 3.9           | mg/kg | 14.9   | mg/kg |
| RY557-E      | 10FC-RY557-E-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CALCIUM       | 321           | Y           |               |              |           | 321           | mg/kg | 1320   | mg/kg |
| RY557-E      | 10FC-RY557-E-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.2           | Y           | J             |              | J         | 2.2           | mg/kg | 1.1    | mg/kg |
| RY557-E      | 10FC-RY557-E-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ALUMINUM      | 11.7          | Y           |               |              |           | 11.7          | mg/kg | 3680   | mg/kg |
| RY557-E      | 10FC-RY557-E-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | IRON          | 5.8           | Y           |               |              |           | 5.8           | mg/kg | 6440   | mg/kg |
| RY557-E      | 10FC-RY557-E-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | LEAD          | 0.58          | Y           |               |              |           | 0.58          | mg/kg | 11.4   | mg/kg |
| RY557-E      | 10FC-RY557-E-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 292           | Y           |               |              |           | 292           | mg/kg | 1980   | mg/kg |
| RY557-E      | 10FC-RY557-E-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | MANGANESE     | 0.88          | Y           |               |              |           | 0.88          | mg/kg | 190    | mg/kg |
| RY557-E      | 10FC-RY557-E-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | NICKEL        | 2.3           | Y           |               |              |           | 2.3           | mg/kg | 4.8    | mg/kg |
| RY557-E      | 10FC-RY557-E-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | POTASSIUM     | 292           | Y           |               |              |           | 292           | mg/kg | 643    | mg/kg |
| RY557-E      | 10FC-RY557-E-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SILVER        | 0.58          | N           | U             |              | U         | 0.58          | mg/kg | 0.58   | mg/kg |
| RY557-E      | 10FC-RY557-E-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SODIUM        | 292           | Y           | J             |              | J         | 292           | mg/kg | 142    | mg/kg |
| RY557-E      | 10FC-RY557-E-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.5           | N           | U             |              | U         | 1.5           | mg/kg | 1.5    | mg/kg |
| RY557-E      | 10FC-RY557-E-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ANTIMONY      | 3.5           | Y           | J             | J            | J         | 3.5           | mg/kg | 0.25   | mg/kg |
| RY557-E      | 10FC-RY557-E-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.58          | Y           |               |              |           | 0.58          | mg/kg | 2.4    | mg/kg |
| RY557-E      | 10FC-RY557-E-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | BARIUM        | 11.7          | Y           |               |              |           | 11.7          | mg/kg | 62.2   | mg/kg |
| RY557-E      | 10FC-RY557-E-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.29          | Y           | J             |              | J         | 0.29          | mg/kg | 0.28   | mg/kg |
| RY557-E      | 10FC-RY557-E-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.29          | N           | U             |              | U         | 0.29          | mg/kg | 0.29   | mg/kg |
| RY557-E      | 10FC-RY557-E-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.58          | Y           | J             | J            |           | 0.58          | mg/kg | 4.2    | mg/kg |
| RY557-E      | 10FC-RY557-E-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | COBALT        | 2.9           | Y           |               |              |           | 2.9           | mg/kg | 3.3    | mg/kg |
| RY557-E      | 10FC-RY557-E-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | COPPER        | 1.5           | Y           |               |              |           | 1.5           | mg/kg | 6.4    | mg/kg |
| RY557-E      | 10FC-RY557-E-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | VANADIUM      | 2.9           | Y           |               |              |           | 2.9           | mg/kg | 7.9    | mg/kg |
| RY557-E      | 10FC-RY557-E-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ZINC          | 3.5           | Y           |               |              |           | 3.5           | mg/kg | 16.6   | mg/kg |
| RY557-E      | 10FC-RY557-E-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CALCIUM       | 292           | Y           |               |              |           | 292           | mg/kg | 1360   | mg/kg |
| RY557-E      | 10FC-RY557-E-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.0           | Y           | J             |              | J         | 2.0           | mg/kg | 1.1    | mg/kg |
| RY558-A      | 10FC-RY558-A-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ALUMINUM      | 12.4          | Y           |               |              |           | 12.4          | mg/kg | 2960   | mg/kg |
| RY558-A      | 10FC-RY558-A-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | IRON          | 6.2           | Y           |               |              |           | 6.2           | mg/kg | 6790   | mg/kg |
| RY558-A      | 10FC-RY558-A-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | LEAD          | 0.62          | Y           |               |              |           | 0.62          | mg/kg | 3.8    | mg/kg |
| RY558-A      | 10FC-RY558-A-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 311           | Y           |               |              |           | 311           | mg/kg | 2230   | mg/kg |
| RY558-A      | 10FC-RY558-A-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | MANGANESE     | 0.93          | Y           |               |              |           | 0.93          | mg/kg | 168    | mg/kg |
| RY558-A      | 10FC-RY558-A-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | NICKEL        | 2.5           | Y           |               |              |           | 2.5           | mg/kg | 5.1    | mg/kg |

## Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY558-A      | 10FC-RY558-A-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | POTASSIUM     | 311           | Y           |               |              |           | 311                 | mg/kg | 735    | mg/kg |
| RY558-A      | 10FC-RY558-A-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SILVER        | 0.62          | N           | U             |              | U         | 0.62                | mg/kg | 0.62   | mg/kg |
| RY558-A      | 10FC-RY558-A-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SODIUM        | 311           | Y           | J             |              | J         | 311                 | mg/kg | 164    | mg/kg |
| RY558-A      | 10FC-RY558-A-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.6           | N           | U             |              | U         | 1.6                 | mg/kg | 1.6    | mg/kg |
| RY558-A      | 10FC-RY558-A-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ANTIMONY      | 3.7           | Y           | J             | J            | J         | 3.7                 | mg/kg | 0.29   | mg/kg |
| RY558-A      | 10FC-RY558-A-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.62          | Y           |               |              |           | 0.62                | mg/kg | 2.9    | mg/kg |
| RY558-A      | 10FC-RY558-A-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | BARIUM        | 12.4          | Y           |               |              |           | 12.4                | mg/kg | 83.8   | mg/kg |
| RY558-A      | 10FC-RY558-A-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.31          | Y           | J             |              | J         | 0.31                | mg/kg | 0.26   | mg/kg |
| RY558-A      | 10FC-RY558-A-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.31          | Y           | J             |              | J         | 0.31                | mg/kg | 0.01   | mg/kg |
| RY558-A      | 10FC-RY558-A-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.62          | Y           | J             | J            |           | 0.62                | mg/kg | 4.6    | mg/kg |
| RY558-A      | 10FC-RY558-A-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | COBALT        | 3.1           | Y           |               |              |           | 3.1                 | mg/kg | 3.3    | mg/kg |
| RY558-A      | 10FC-RY558-A-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | COPPER        | 1.6           | Y           |               |              |           | 1.6                 | mg/kg | 8.4    | mg/kg |
| RY558-A      | 10FC-RY558-A-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | VANADIUM      | 3.1           | Y           |               |              |           | 3.1                 | mg/kg | 8.4    | mg/kg |
| RY558-A      | 10FC-RY558-A-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ZINC          | 3.7           | Y           |               |              |           | 3.7                 | mg/kg | 16.5   | mg/kg |
| RY558-A      | 10FC-RY558-A-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CALCIUM       | 311           | Y           |               |              |           | 311                 | mg/kg | 1770   | mg/kg |
| RY558-A      | 10FC-RY558-A-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.2           | Y           | J             |              | J         | 2.2                 | mg/kg | 1.1    | mg/kg |
| RY558-A      | 10FC-RY558-A-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ALUMINUM      | 11.4          | Y           |               |              |           | 11.4                | mg/kg | 3170   | mg/kg |
| RY558-A      | 10FC-RY558-A-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | IRON          | 5.7           | Y           |               |              |           | 5.7                 | mg/kg | 7020   | mg/kg |
| RY558-A      | 10FC-RY558-A-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | LEAD          | 0.57          | Y           |               |              |           | 0.57                | mg/kg | 4      | mg/kg |
| RY558-A      | 10FC-RY558-A-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 286           | Y           |               |              |           | 286                 | mg/kg | 2390   | mg/kg |
| RY558-A      | 10FC-RY558-A-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | MANGANESE     | 0.86          | Y           |               |              |           | 0.86                | mg/kg | 165    | mg/kg |
| RY558-A      | 10FC-RY558-A-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | NICKEL        | 2.3           | Y           |               |              |           | 2.3                 | mg/kg | 5.3    | mg/kg |
| RY558-A      | 10FC-RY558-A-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | POTASSIUM     | 286           | Y           |               |              |           | 286                 | mg/kg | 731    | mg/kg |
| RY558-A      | 10FC-RY558-A-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SILVER        | 0.57          | N           | U             |              | U         | 0.57                | mg/kg | 0.57   | mg/kg |
| RY558-A      | 10FC-RY558-A-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SODIUM        | 286           | Y           | J             |              | J         | 286                 | mg/kg | 167    | mg/kg |
| RY558-A      | 10FC-RY558-A-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.4           | N           | U             |              | U         | 1.4                 | mg/kg | 1.4    | mg/kg |
| RY558-A      | 10FC-RY558-A-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ANTIMONY      | 3.4           | Y           | J             | J            | J         | 3.4                 | mg/kg | 0.35   | mg/kg |
| RY558-A      | 10FC-RY558-A-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.57          | Y           |               |              |           | 0.57                | mg/kg | 3.2    | mg/kg |
| RY558-A      | 10FC-RY558-A-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | BARIUM        | 11.4          | Y           |               |              |           | 11.4                | mg/kg | 89.2   | mg/kg |
| RY558-A      | 10FC-RY558-A-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.29          | Y           | J             |              | J         | 0.29                | mg/kg | 0.29   | mg/kg |
| RY558-A      | 10FC-RY558-A-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.29          | N           | U             |              | U         | 0.29                | mg/kg | 0.29   | mg/kg |
| RY558-A      | 10FC-RY558-A-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.57          | Y           | J             | J            |           | 0.57                | mg/kg | 4.7    | mg/kg |
| RY558-A      | 10FC-RY558-A-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | COBALT        | 2.9           | Y           |               |              |           | 2.9                 | mg/kg | 3.7    | mg/kg |
| RY558-A      | 10FC-RY558-A-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | COPPER        | 1.4           | Y           |               |              |           | 1.4                 | mg/kg | 8.3    | mg/kg |
| RY558-A      | 10FC-RY558-A-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | VANADIUM      | 2.9           | Y           |               |              |           | 2.9                 | mg/kg | 8.8    | mg/kg |
| RY558-A      | 10FC-RY558-A-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ZINC          | 3.4           | Y           |               |              |           | 3.4                 | mg/kg | 17.3   | mg/kg |
| RY558-A      | 10FC-RY558-A-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CALCIUM       | 286           | Y           |               |              |           | 286                 | mg/kg | 2230   | mg/kg |
| RY558-A      | 10FC-RY558-A-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.0           | Y           | J             |              | J         | 2.0                 | mg/kg | 1.2    | mg/kg |
| RY558-A      | 10FC-RY558-A-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | ALUMINUM      | 21.5          | Y           |               |              |           | 21.5                | mg/kg | 3270   | mg/kg |
| RY558-A      | 10FC-RY558-A-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | IRON          | 10.8          | Y           |               |              |           | 10.8                | mg/kg | 6800   | mg/kg |
| RY558-A      | 10FC-RY558-A-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | LEAD          | 1.1           | Y           |               |              |           | 1.1                 | mg/kg | 4.1    | mg/kg |
| RY558-A      | 10FC-RY558-A-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | MAGNESIUM     | 538           | Y           |               |              |           | 538                 | mg/kg | 2250   | mg/kg |
| RY558-A      | 10FC-RY558-A-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | MANGANESE     | 1.6           | Y           |               |              |           | 1.6                 | mg/kg | 187    | mg/kg |
| RY558-A      | 10FC-RY558-A-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | NICKEL        | 4.3           | Y           |               |              |           | 4.3                 | mg/kg | 5.3    | mg/kg |
| RY558-A      | 10FC-RY558-A-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | POTASSIUM     | 538           | Y           |               |              |           | 538                 | mg/kg | 711    | mg/kg |
| RY558-A      | 10FC-RY558-A-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | SILVER        | 1.1           | N           | U             |              | U         | 1.1                 | mg/kg | 1.1    | mg/kg |
| RY558-A      | 10FC-RY558-A-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | SODIUM        | 538           | Y           | J             |              | J         | 538                 | mg/kg | 191    | mg/kg |
| RY558-A      | 10FC-RY558-A-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | THALLIUM      | 2.7           | N           | U             |              | U         | 2.7                 | mg/kg | 2.7    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code       | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|-----------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                       |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY558-A      | 10FC-RY558-A-006012   | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | ANTIMONY      | 6.5           | N           | UJ            | UJ           | U         | 6.5           | mg/kg | 6.5    | mg/kg |
| RY558-A      | 10FC-RY558-A-006012   | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | ARSENIC       | 1.1           | Y           |               |              |           | 1.1           | mg/kg | 3.1    | mg/kg |
| RY558-A      | 10FC-RY558-A-006012   | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | BARIUM        | 21.5          | Y           |               |              |           | 21.5          | mg/kg | 94     | mg/kg |
| RY558-A      | 10FC-RY558-A-006012   | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | BERYLLIUM     | 0.54          | Y           | J             |              | J         | 0.54          | mg/kg | 0.28   | mg/kg |
| RY558-A      | 10FC-RY558-A-006012   | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | CADMIUM       | 0.54          | Y           | J             |              | J         | 0.54          | mg/kg | 0.03   | mg/kg |
| RY558-A      | 10FC-RY558-A-006012   | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | CHROMIUM      | 1.1           | Y           |               |              |           | 1.1           | mg/kg | 4.9    | mg/kg |
| RY558-A      | 10FC-RY558-A-006012   | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | COBALT        | 5.4           | Y           | J+            | J+           | J         | 5.4           | mg/kg | 3.2    | mg/kg |
| RY558-A      | 10FC-RY558-A-006012   | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | COPPER        | 2.7           | Y           |               |              |           | 2.7           | mg/kg | 9.2    | mg/kg |
| RY558-A      | 10FC-RY558-A-006012   | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | VANADIUM      | 5.4           | Y           |               |              |           | 5.4           | mg/kg | 8      | mg/kg |
| RY558-A      | 10FC-RY558-A-006012   | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | ZINC          | 6.5           | Y           |               |              |           | 6.5           | mg/kg | 18.6   | mg/kg |
| RY558-A      | 10FC-RY558-A-006012   | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | CALCIUM       | 538           | Y           |               |              |           | 538           | mg/kg | 1750   | mg/kg |
| RY558-A      | 10FC-RY558-A-006012   | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | SELENIUM      | 3.8           | N           | U             |              | U         | 3.8           | mg/kg | 3.8    | mg/kg |
| RY558-A      | 10FC-RY558-A-006012-D | 6/28/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | ALUMINUM      | 11.2          | Y           |               |              |           | 11.2          | mg/kg | 3360   | mg/kg |
| RY558-A      | 10FC-RY558-A-006012-D | 6/28/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | IRON          | 5.6           | Y           |               |              |           | 5.6           | mg/kg | 7080   | mg/kg |
| RY558-A      | 10FC-RY558-A-006012-D | 6/28/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | LEAD          | 0.56          | Y           |               |              |           | 0.56          | mg/kg | 4.3    | mg/kg |
| RY558-A      | 10FC-RY558-A-006012-D | 6/28/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | MAGNESIUM     | 281           | Y           |               |              |           | 281           | mg/kg | 2390   | mg/kg |
| RY558-A      | 10FC-RY558-A-006012-D | 6/28/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | MANGANESE     | 0.84          | Y           |               |              |           | 0.84          | mg/kg | 177    | mg/kg |
| RY558-A      | 10FC-RY558-A-006012-D | 6/28/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | NICKEL        | 2.2           | Y           |               |              |           | 2.2           | mg/kg | 5      | mg/kg |
| RY558-A      | 10FC-RY558-A-006012-D | 6/28/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | POTASSIUM     | 281           | Y           |               |              |           | 281           | mg/kg | 709    | mg/kg |
| RY558-A      | 10FC-RY558-A-006012-D | 6/28/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | SILVER        | 0.56          | N           | U             |              | U         | 0.56          | mg/kg | 0.56   | mg/kg |
| RY558-A      | 10FC-RY558-A-006012-D | 6/28/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | SODIUM        | 281           | Y           | J             |              | J         | 281           | mg/kg | 113    | mg/kg |
| RY558-A      | 10FC-RY558-A-006012-D | 6/28/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | THALLIUM      | 1.4           | N           | U             |              | U         | 1.4           | mg/kg | 1.4    | mg/kg |
| RY558-A      | 10FC-RY558-A-006012-D | 6/28/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | ANTIMONY      | 3.4           | Y           | J             | J            | J         | 3.4           | mg/kg | 0.28   | mg/kg |
| RY558-A      | 10FC-RY558-A-006012-D | 6/28/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | ARSENIC       | 0.56          | Y           |               |              |           | 0.56          | mg/kg | 3.2    | mg/kg |
| RY558-A      | 10FC-RY558-A-006012-D | 6/28/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | BARIUM        | 11.2          | Y           |               |              |           | 11.2          | mg/kg | 87.9   | mg/kg |
| RY558-A      | 10FC-RY558-A-006012-D | 6/28/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | BERYLLIUM     | 0.28          | Y           | J             |              | J         | 0.28          | mg/kg | 0.26   | mg/kg |
| RY558-A      | 10FC-RY558-A-006012-D | 6/28/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | CADMIUM       | 0.28          | Y           | J             |              | J         | 0.28          | mg/kg | 0.04   | mg/kg |
| RY558-A      | 10FC-RY558-A-006012-D | 6/28/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | CHROMIUM      | 0.56          | Y           |               |              |           | 0.56          | mg/kg | 4.9    | mg/kg |
| RY558-A      | 10FC-RY558-A-006012-D | 6/28/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | COBALT        | 2.8           | Y           | J+            | J+           |           | 2.8           | mg/kg | 3.2    | mg/kg |
| RY558-A      | 10FC-RY558-A-006012-D | 6/28/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | COPPER        | 1.4           | Y           |               |              |           | 1.4           | mg/kg | 9.4    | mg/kg |
| RY558-A      | 10FC-RY558-A-006012-D | 6/28/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | VANADIUM      | 2.8           | Y           |               |              |           | 2.8           | mg/kg | 8.5    | mg/kg |
| RY558-A      | 10FC-RY558-A-006012-D | 6/28/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | ZINC          | 3.4           | Y           |               |              |           | 3.4           | mg/kg | 17.2   | mg/kg |
| RY558-A      | 10FC-RY558-A-006012-D | 6/28/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | CALCIUM       | 281           | Y           |               |              |           | 281           | mg/kg | 1940   | mg/kg |
| RY558-A      | 10FC-RY558-A-006012-D | 6/28/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | SELENIUM      | 2.0           | N           | U             |              | U         | 2.0           | mg/kg | 2      | mg/kg |
| RY558-B      | 10FC-RY558-B-000002   | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ALUMINUM      | 13.0          | Y           |               |              |           | 13.0          | mg/kg | 2820   | mg/kg |
| RY558-B      | 10FC-RY558-B-000002   | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | IRON          | 6.5           | Y           |               |              |           | 6.5           | mg/kg | 6280   | mg/kg |
| RY558-B      | 10FC-RY558-B-000002   | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | LEAD          | 0.65          | Y           |               |              |           | 0.65          | mg/kg | 2.6    | mg/kg |
| RY558-B      | 10FC-RY558-B-000002   | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | MAGNESIUM     | 326           | Y           |               |              |           | 326           | mg/kg | 2120   | mg/kg |
| RY558-B      | 10FC-RY558-B-000002   | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | MANGANESE     | 0.98          | Y           |               |              |           | 0.98          | mg/kg | 121    | mg/kg |
| RY558-B      | 10FC-RY558-B-000002   | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | NICKEL        | 2.6           | Y           |               |              |           | 2.6           | mg/kg | 4.9    | mg/kg |
| RY558-B      | 10FC-RY558-B-000002   | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | POTASSIUM     | 326           | Y           |               |              |           | 326           | mg/kg | 504    | mg/kg |
| RY558-B      | 10FC-RY558-B-000002   | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | SILVER        | 0.65          | N           | U             |              | U         | 0.65          | mg/kg | 0.65   | mg/kg |
| RY558-B      | 10FC-RY558-B-000002   | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | SODIUM        | 326           | Y           | J             |              | J         | 326           | mg/kg | 127    | mg/kg |
| RY558-B      | 10FC-RY558-B-000002   | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | THALLIUM      | 1.6           | N           | U             |              | U         | 1.6           | mg/kg | 1.6    | mg/kg |
| RY558-B      | 10FC-RY558-B-000002   | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ANTIMONY      | 3.9           | N           | UJ            | UJ           | U         | 3.9           | mg/kg | 3.9    | mg/kg |
| RY558-B      | 10FC-RY558-B-000002   | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ARSENIC       | 0.65          | Y           |               |              |           | 0.65          | mg/kg | 2.4    | mg/kg |
| RY558-B      | 10FC-RY558-B-000002   | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | BARIUM        | 13.0          | Y           |               |              |           | 13.0          | mg/kg | 62.3   | mg/kg |
| RY558-B      | 10FC-RY558-B-000002   | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | BERYLLIUM     | 0.33          | Y           | J             |              | J         | 0.33          | mg/kg | 0.2    | mg/kg |

## Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report       | detect flag | interp. quals | valid. quals | lab quals | report       | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|--------------|-------------|---------------|--------------|-----------|--------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | result limit |             |               |              |           | detect limit |       |        |       |
| RY558-B      | 10FC-RY558-B-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | CADMIUM       | 0.33         | N           | U             |              | U         | 0.33         | mg/kg | 0.33   | mg/kg |
| RY558-B      | 10FC-RY558-B-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | CHROMIUM      | 0.65         | Y           |               |              |           | 0.65         | mg/kg | 4.6    | mg/kg |
| RY558-B      | 10FC-RY558-B-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | COBALT        | 3.3          | Y           | J+            | J+           | J         | 3.3          | mg/kg | 3      | mg/kg |
| RY558-B      | 10FC-RY558-B-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | COPPER        | 1.6          | Y           |               |              |           | 1.6          | mg/kg | 6.2    | mg/kg |
| RY558-B      | 10FC-RY558-B-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | VANADIUM      | 3.3          | Y           |               |              |           | 3.3          | mg/kg | 7.8    | mg/kg |
| RY558-B      | 10FC-RY558-B-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ZINC          | 3.9          | Y           |               |              |           | 3.9          | mg/kg | 12     | mg/kg |
| RY558-B      | 10FC-RY558-B-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | CALCIUM       | 326          | Y           |               |              |           | 326          | mg/kg | 965    | mg/kg |
| RY558-B      | 10FC-RY558-B-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | SELENIUM      | 2.3          | N           | U             |              | U         | 2.3          | mg/kg | 2.3    | mg/kg |
| RY558-B      | 10FC-RY558-B-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ALUMINUM      | 11.3         | Y           |               |              |           | 11.3         | mg/kg | 2860   | mg/kg |
| RY558-B      | 10FC-RY558-B-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | IRON          | 5.7          | Y           |               |              |           | 5.7          | mg/kg | 6300   | mg/kg |
| RY558-B      | 10FC-RY558-B-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | LEAD          | 0.57         | Y           |               |              |           | 0.57         | mg/kg | 2.8    | mg/kg |
| RY558-B      | 10FC-RY558-B-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | MAGNESIUM     | 284          | Y           |               |              |           | 284          | mg/kg | 2140   | mg/kg |
| RY558-B      | 10FC-RY558-B-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | MANGANESE     | 0.85         | Y           |               |              |           | 0.85         | mg/kg | 137    | mg/kg |
| RY558-B      | 10FC-RY558-B-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | NICKEL        | 2.3          | Y           |               |              |           | 2.3          | mg/kg | 5.1    | mg/kg |
| RY558-B      | 10FC-RY558-B-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | POTASSIUM     | 284          | Y           |               |              |           | 284          | mg/kg | 557    | mg/kg |
| RY558-B      | 10FC-RY558-B-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | SILVER        | 0.57         | N           | U             |              | U         | 0.57         | mg/kg | 0.57   | mg/kg |
| RY558-B      | 10FC-RY558-B-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | SODIUM        | 284          | Y           | J             |              | J         | 284          | mg/kg | 129    | mg/kg |
| RY558-B      | 10FC-RY558-B-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | THALLIUM      | 1.4          | N           | U             |              | U         | 1.4          | mg/kg | 1.4    | mg/kg |
| RY558-B      | 10FC-RY558-B-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ANTIMONY      | 3.4          | Y           | J             | J            | J         | 3.4          | mg/kg | 0.3    | mg/kg |
| RY558-B      | 10FC-RY558-B-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ARSENIC       | 0.57         | Y           |               |              |           | 0.57         | mg/kg | 2.7    | mg/kg |
| RY558-B      | 10FC-RY558-B-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | BARIUM        | 11.3         | Y           |               |              |           | 11.3         | mg/kg | 60.9   | mg/kg |
| RY558-B      | 10FC-RY558-B-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | BERYLLIUM     | 0.28         | Y           | J             |              | J         | 0.28         | mg/kg | 0.23   | mg/kg |
| RY558-B      | 10FC-RY558-B-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | CADMIUM       | 0.28         | Y           | J             |              | J         | 0.28         | mg/kg | 0.02   | mg/kg |
| RY558-B      | 10FC-RY558-B-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | CHROMIUM      | 0.57         | Y           |               |              |           | 0.57         | mg/kg | 4.7    | mg/kg |
| RY558-B      | 10FC-RY558-B-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | COBALT        | 2.8          | Y           | J+            | J+           |           | 2.8          | mg/kg | 3.2    | mg/kg |
| RY558-B      | 10FC-RY558-B-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | COPPER        | 1.4          | Y           |               |              |           | 1.4          | mg/kg | 6.4    | mg/kg |
| RY558-B      | 10FC-RY558-B-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | VANADIUM      | 2.8          | Y           |               |              |           | 2.8          | mg/kg | 7.5    | mg/kg |
| RY558-B      | 10FC-RY558-B-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ZINC          | 3.4          | Y           |               |              |           | 3.4          | mg/kg | 12.5   | mg/kg |
| RY558-B      | 10FC-RY558-B-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | CALCIUM       | 284          | Y           |               |              |           | 284          | mg/kg | 1140   | mg/kg |
| RY558-B      | 10FC-RY558-B-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | SELENIUM      | 2.0          | N           | U             |              | U         | 2.0          | mg/kg | 2      | mg/kg |
| RY558-B      | 10FC-RY558-B-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | ALUMINUM      | 11.8         | Y           |               |              |           | 11.8         | mg/kg | 2680   | mg/kg |
| RY558-B      | 10FC-RY558-B-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | IRON          | 5.9          | Y           |               |              |           | 5.9          | mg/kg | 5820   | mg/kg |
| RY558-B      | 10FC-RY558-B-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | LEAD          | 0.59         | Y           |               |              |           | 0.59         | mg/kg | 3      | mg/kg |
| RY558-B      | 10FC-RY558-B-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | MAGNESIUM     | 294          | Y           |               |              |           | 294          | mg/kg | 1970   | mg/kg |
| RY558-B      | 10FC-RY558-B-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | MANGANESE     | 0.88         | Y           |               |              |           | 0.88         | mg/kg | 132    | mg/kg |
| RY558-B      | 10FC-RY558-B-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | NICKEL        | 2.4          | Y           |               |              |           | 2.4          | mg/kg | 4.6    | mg/kg |
| RY558-B      | 10FC-RY558-B-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | POTASSIUM     | 294          | Y           |               |              |           | 294          | mg/kg | 550    | mg/kg |
| RY558-B      | 10FC-RY558-B-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | SILVER        | 0.59         | N           | U             |              | U         | 0.59         | mg/kg | 0.59   | mg/kg |
| RY558-B      | 10FC-RY558-B-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | SODIUM        | 294          | Y           | J             |              | J         | 294          | mg/kg | 129    | mg/kg |
| RY558-B      | 10FC-RY558-B-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | THALLIUM      | 1.5          | N           | U             |              | U         | 1.5          | mg/kg | 1.5    | mg/kg |
| RY558-B      | 10FC-RY558-B-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | ANTIMONY      | 3.5          | Y           | J             | J            | J         | 3.5          | mg/kg | 0.26   | mg/kg |
| RY558-B      | 10FC-RY558-B-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | ARSENIC       | 0.59         | Y           |               |              |           | 0.59         | mg/kg | 2.4    | mg/kg |
| RY558-B      | 10FC-RY558-B-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | BARIUM        | 11.8         | Y           |               |              |           | 11.8         | mg/kg | 64.6   | mg/kg |
| RY558-B      | 10FC-RY558-B-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | BERYLLIUM     | 0.29         | Y           | J             |              | J         | 0.29         | mg/kg | 0.21   | mg/kg |
| RY558-B      | 10FC-RY558-B-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | CADMIUM       | 0.29         | Y           | J             |              | J         | 0.29         | mg/kg | 0.02   | mg/kg |
| RY558-B      | 10FC-RY558-B-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | CHROMIUM      | 0.59         | Y           |               |              |           | 0.59         | mg/kg | 4.1    | mg/kg |
| RY558-B      | 10FC-RY558-B-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | COBALT        | 2.9          | Y           | J+            | J+           | J         | 2.9          | mg/kg | 2.9    | mg/kg |
| RY558-B      | 10FC-RY558-B-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | COPPER        | 1.5          | Y           |               |              |           | 1.5          | mg/kg | 6.1    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY558-B      | 10FC-RY558-B-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | VANADIUM      | 2.9           | Y           |               |              |           | 2.9                 | mg/kg | 6.5    | mg/kg |
| RY558-B      | 10FC-RY558-B-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | ZINC          | 3.5           | Y           |               |              |           | 3.5                 | mg/kg | 12.2   | mg/kg |
| RY558-B      | 10FC-RY558-B-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | CALCIUM       | 294           | Y           |               |              |           | 294                 | mg/kg | 1380   | mg/kg |
| RY558-B      | 10FC-RY558-B-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | SELENIUM      | 2.1           | N           | U             |              | U         | 2.1                 | mg/kg | 2.1    | mg/kg |
| RY559-A      | 10FC-RY559-A-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ALUMINUM      | 13.1          | Y           |               |              |           | 13.1                | mg/kg | 4560   | mg/kg |
| RY559-A      | 10FC-RY559-A-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | IRON          | 6.6           | Y           |               |              |           | 6.6                 | mg/kg | 7870   | mg/kg |
| RY559-A      | 10FC-RY559-A-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | LEAD          | 0.66          | Y           |               |              |           | 0.66                | mg/kg | 8.8    | mg/kg |
| RY559-A      | 10FC-RY559-A-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | MAGNESIUM     | 328           | Y           |               |              |           | 328                 | mg/kg | 2770   | mg/kg |
| RY559-A      | 10FC-RY559-A-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | MANGANESE     | 0.99          | Y           |               |              |           | 0.99                | mg/kg | 218    | mg/kg |
| RY559-A      | 10FC-RY559-A-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | NICKEL        | 2.6           | Y           |               |              |           | 2.6                 | mg/kg | 6.1    | mg/kg |
| RY559-A      | 10FC-RY559-A-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | POTASSIUM     | 328           | Y           |               |              |           | 328                 | mg/kg | 825    | mg/kg |
| RY559-A      | 10FC-RY559-A-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | SILVER        | 0.66          | N           | U             |              | U         | 0.66                | mg/kg | 0.66   | mg/kg |
| RY559-A      | 10FC-RY559-A-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | SODIUM        | 328           | Y           | J             |              | J         | 328                 | mg/kg | 141    | mg/kg |
| RY559-A      | 10FC-RY559-A-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | THALLIUM      | 1.6           | N           | U             |              | U         | 1.6                 | mg/kg | 1.6    | mg/kg |
| RY559-A      | 10FC-RY559-A-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ANTIMONY      | 3.9           | Y           | J             | J            | J         | 3.9                 | mg/kg | 0.31   | mg/kg |
| RY559-A      | 10FC-RY559-A-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ARSENIC       | 0.66          | Y           |               |              |           | 0.66                | mg/kg | 4.5    | mg/kg |
| RY559-A      | 10FC-RY559-A-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | BARIUM        | 13.1          | Y           |               |              |           | 13.1                | mg/kg | 91.8   | mg/kg |
| RY559-A      | 10FC-RY559-A-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | BERYLLIUM     | 0.33          | Y           |               |              |           | 0.33                | mg/kg | 0.35   | mg/kg |
| RY559-A      | 10FC-RY559-A-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | CADMIUM       | 0.33          | Y           | J             |              | J         | 0.33                | mg/kg | 0.09   | mg/kg |
| RY559-A      | 10FC-RY559-A-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | CHROMIUM      | 0.66          | Y           |               |              |           | 0.66                | mg/kg | 5.7    | mg/kg |
| RY559-A      | 10FC-RY559-A-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | COBALT        | 3.3           | Y           | J+            | J+           |           | 3.3                 | mg/kg | 4      | mg/kg |
| RY559-A      | 10FC-RY559-A-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | COPPER        | 1.6           | Y           |               |              |           | 1.6                 | mg/kg | 24.3   | mg/kg |
| RY559-A      | 10FC-RY559-A-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | VANADIUM      | 3.3           | Y           |               |              |           | 3.3                 | mg/kg | 10.5   | mg/kg |
| RY559-A      | 10FC-RY559-A-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ZINC          | 3.9           | Y           |               |              |           | 3.9                 | mg/kg | 31.5   | mg/kg |
| RY559-A      | 10FC-RY559-A-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | CALCIUM       | 328           | Y           |               |              |           | 328                 | mg/kg | 2400   | mg/kg |
| RY559-A      | 10FC-RY559-A-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | SELENIUM      | 2.3           | N           | U             |              | U         | 2.3                 | mg/kg | 2.3    | mg/kg |
| RY559-A      | 10FC-RY559-A-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ALUMINUM      | 13.3          | Y           |               |              |           | 13.3                | mg/kg | 4100   | mg/kg |
| RY559-A      | 10FC-RY559-A-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | IRON          | 6.6           | Y           |               |              |           | 6.6                 | mg/kg | 7150   | mg/kg |
| RY559-A      | 10FC-RY559-A-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | LEAD          | 0.66          | Y           |               |              |           | 0.66                | mg/kg | 9.4    | mg/kg |
| RY559-A      | 10FC-RY559-A-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | MAGNESIUM     | 332           | Y           |               |              |           | 332                 | mg/kg | 2600   | mg/kg |
| RY559-A      | 10FC-RY559-A-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | MANGANESE     | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 213    | mg/kg |
| RY559-A      | 10FC-RY559-A-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | NICKEL        | 2.7           | Y           |               |              |           | 2.7                 | mg/kg | 5.6    | mg/kg |
| RY559-A      | 10FC-RY559-A-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | POTASSIUM     | 332           | Y           |               |              |           | 332                 | mg/kg | 778    | mg/kg |
| RY559-A      | 10FC-RY559-A-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | SILVER        | 0.66          | N           | U             |              | U         | 0.66                | mg/kg | 0.66   | mg/kg |
| RY559-A      | 10FC-RY559-A-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | SODIUM        | 332           | Y           | J             |              | J         | 332                 | mg/kg | 138    | mg/kg |
| RY559-A      | 10FC-RY559-A-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | THALLIUM      | 1.7           | N           | U             |              | U         | 1.7                 | mg/kg | 1.7    | mg/kg |
| RY559-A      | 10FC-RY559-A-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ANTIMONY      | 4.0           | Y           | J             | J            | J         | 4.0                 | mg/kg | 0.34   | mg/kg |
| RY559-A      | 10FC-RY559-A-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ARSENIC       | 0.66          | Y           |               |              |           | 0.66                | mg/kg | 4.4    | mg/kg |
| RY559-A      | 10FC-RY559-A-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | BARIUM        | 13.3          | Y           |               |              |           | 13.3                | mg/kg | 89.2   | mg/kg |
| RY559-A      | 10FC-RY559-A-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | BERYLLIUM     | 0.33          | Y           | J             |              | J         | 0.33                | mg/kg | 0.32   | mg/kg |
| RY559-A      | 10FC-RY559-A-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | CADMIUM       | 0.33          | Y           | J             |              | J         | 0.33                | mg/kg | 0.08   | mg/kg |
| RY559-A      | 10FC-RY559-A-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | CHROMIUM      | 0.66          | Y           |               |              |           | 0.66                | mg/kg | 6.7    | mg/kg |
| RY559-A      | 10FC-RY559-A-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | COBALT        | 3.3           | Y           | J+            | J+           |           | 3.3                 | mg/kg | 3.7    | mg/kg |
| RY559-A      | 10FC-RY559-A-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | COPPER        | 1.7           | Y           |               |              |           | 1.7                 | mg/kg | 30.1   | mg/kg |
| RY559-A      | 10FC-RY559-A-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | VANADIUM      | 3.3           | Y           |               |              |           | 3.3                 | mg/kg | 9.3    | mg/kg |
| RY559-A      | 10FC-RY559-A-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ZINC          | 4.0           | Y           |               |              |           | 4.0                 | mg/kg | 31.1   | mg/kg |
| RY559-A      | 10FC-RY559-A-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | CALCIUM       | 332           | Y           |               |              |           | 332                 | mg/kg | 2370   | mg/kg |
| RY559-A      | 10FC-RY559-A-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | SELENIUM      | 2.3           | N           | U             |              | U         | 2.3                 | mg/kg | 2.3    | mg/kg |



Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY559-A      | 10FC-RY559-A-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | ALUMINUM      | 12.5          | Y           |               |              |           | 12.5          | mg/kg | 3660   | mg/kg |
| RY559-A      | 10FC-RY559-A-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | IRON          | 6.2           | Y           |               |              |           | 6.2           | mg/kg | 6840   | mg/kg |
| RY559-A      | 10FC-RY559-A-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | LEAD          | 0.62          | Y           |               |              |           | 0.62          | mg/kg | 8.2    | mg/kg |
| RY559-A      | 10FC-RY559-A-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | MAGNESIUM     | 311           | Y           |               |              |           | 311           | mg/kg | 2510   | mg/kg |
| RY559-A      | 10FC-RY559-A-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | MANGANESE     | 0.93          | Y           |               |              |           | 0.93          | mg/kg | 187    | mg/kg |
| RY559-A      | 10FC-RY559-A-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | NICKEL        | 2.5           | Y           |               |              |           | 2.5           | mg/kg | 5.5    | mg/kg |
| RY559-A      | 10FC-RY559-A-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | POTASSIUM     | 311           | Y           |               |              |           | 311           | mg/kg | 715    | mg/kg |
| RY559-A      | 10FC-RY559-A-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | SILVER        | 0.62          | N           | U             |              | U         | 0.62          | mg/kg | 0.62   | mg/kg |
| RY559-A      | 10FC-RY559-A-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | SODIUM        | 311           | Y           | J             |              | J         | 311           | mg/kg | 130    | mg/kg |
| RY559-A      | 10FC-RY559-A-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | THALLIUM      | 1.6           | N           | U             |              | U         | 1.6           | mg/kg | 1.6    | mg/kg |
| RY559-A      | 10FC-RY559-A-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | ANTIMONY      | 3.7           | Y           | J             | J            | J         | 3.7           | mg/kg | 0.32   | mg/kg |
| RY559-A      | 10FC-RY559-A-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | ARSENIC       | 0.62          | Y           |               |              |           | 0.62          | mg/kg | 4.4    | mg/kg |
| RY559-A      | 10FC-RY559-A-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | BARIUM        | 12.5          | Y           |               |              |           | 12.5          | mg/kg | 76.3   | mg/kg |
| RY559-A      | 10FC-RY559-A-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | BERYLLIUM     | 0.31          | Y           | J             |              | J         | 0.31          | mg/kg | 0.29   | mg/kg |
| RY559-A      | 10FC-RY559-A-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | CADMIUM       | 0.31          | Y           | J             |              | J         | 0.31          | mg/kg | 0.07   | mg/kg |
| RY559-A      | 10FC-RY559-A-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | CHROMIUM      | 0.62          | Y           |               |              |           | 0.62          | mg/kg | 5.1    | mg/kg |
| RY559-A      | 10FC-RY559-A-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | COBALT        | 3.1           | Y           | J+            | J+           |           | 3.1           | mg/kg | 3.5    | mg/kg |
| RY559-A      | 10FC-RY559-A-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | COPPER        | 1.6           | Y           |               |              |           | 1.6           | mg/kg | 24     | mg/kg |
| RY559-A      | 10FC-RY559-A-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | VANADIUM      | 3.1           | Y           |               |              |           | 3.1           | mg/kg | 8.7    | mg/kg |
| RY559-A      | 10FC-RY559-A-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | ZINC          | 3.7           | Y           |               |              |           | 3.7           | mg/kg | 26.7   | mg/kg |
| RY559-A      | 10FC-RY559-A-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | CALCIUM       | 311           | Y           |               |              |           | 311           | mg/kg | 1990   | mg/kg |
| RY559-A      | 10FC-RY559-A-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | SELENIUM      | 2.2           | N           | U             |              | U         | 2.2           | mg/kg | 2.2    | mg/kg |
| RY559-B      | 10FC-RY559-B-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ALUMINUM      | 13.1          | Y           |               |              |           | 13.1          | mg/kg | 2770   | mg/kg |
| RY559-B      | 10FC-RY559-B-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | IRON          | 6.6           | Y           |               |              |           | 6.6           | mg/kg | 6150   | mg/kg |
| RY559-B      | 10FC-RY559-B-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | LEAD          | 0.66          | Y           |               |              |           | 0.66          | mg/kg | 8.8    | mg/kg |
| RY559-B      | 10FC-RY559-B-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | MAGNESIUM     | 328           | Y           |               |              |           | 328           | mg/kg | 1980   | mg/kg |
| RY559-B      | 10FC-RY559-B-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | MANGANESE     | 0.98          | Y           |               |              |           | 0.98          | mg/kg | 149    | mg/kg |
| RY559-B      | 10FC-RY559-B-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | NICKEL        | 2.6           | Y           |               |              |           | 2.6           | mg/kg | 4.9    | mg/kg |
| RY559-B      | 10FC-RY559-B-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | POTASSIUM     | 328           | Y           |               |              |           | 328           | mg/kg | 573    | mg/kg |
| RY559-B      | 10FC-RY559-B-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | SILVER        | 0.66          | N           | U             |              | U         | 0.66          | mg/kg | 0.66   | mg/kg |
| RY559-B      | 10FC-RY559-B-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | SODIUM        | 328           | Y           | J             |              | J         | 328           | mg/kg | 115    | mg/kg |
| RY559-B      | 10FC-RY559-B-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | THALLIUM      | 1.6           | N           | U             |              | U         | 1.6           | mg/kg | 1.6    | mg/kg |
| RY559-B      | 10FC-RY559-B-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ANTIMONY      | 3.9           | Y           | J             | J            | J         | 3.9           | mg/kg | 0.32   | mg/kg |
| RY559-B      | 10FC-RY559-B-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ARSENIC       | 0.66          | Y           |               |              |           | 0.66          | mg/kg | 4.3    | mg/kg |
| RY559-B      | 10FC-RY559-B-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | BARIUM        | 13.1          | Y           |               |              |           | 13.1          | mg/kg | 62.6   | mg/kg |
| RY559-B      | 10FC-RY559-B-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | BERYLLIUM     | 0.33          | Y           | J             |              | J         | 0.33          | mg/kg | 0.21   | mg/kg |
| RY559-B      | 10FC-RY559-B-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | CADMIUM       | 0.33          | Y           | J             |              | J         | 0.33          | mg/kg | 0.11   | mg/kg |
| RY559-B      | 10FC-RY559-B-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | CHROMIUM      | 0.66          | Y           |               |              |           | 0.66          | mg/kg | 4.3    | mg/kg |
| RY559-B      | 10FC-RY559-B-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | COBALT        | 3.3           | Y           | J+            | J+           |           | 3.3           | mg/kg | 3.4    | mg/kg |
| RY559-B      | 10FC-RY559-B-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | COPPER        | 1.6           | Y           |               |              |           | 1.6           | mg/kg | 22.1   | mg/kg |
| RY559-B      | 10FC-RY559-B-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | VANADIUM      | 3.3           | Y           |               |              |           | 3.3           | mg/kg | 8.3    | mg/kg |
| RY559-B      | 10FC-RY559-B-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ZINC          | 3.9           | Y           |               |              |           | 3.9           | mg/kg | 32.5   | mg/kg |
| RY559-B      | 10FC-RY559-B-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | CALCIUM       | 328           | Y           |               |              |           | 328           | mg/kg | 1800   | mg/kg |
| RY559-B      | 10FC-RY559-B-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | SELENIUM      | 2.3           | N           | U             |              | U         | 2.3           | mg/kg | 2.3    | mg/kg |
| RY559-B      | 10FC-RY559-B-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ALUMINUM      | 14.3          | Y           |               |              |           | 14.3          | mg/kg | 2380   | mg/kg |
| RY559-B      | 10FC-RY559-B-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | IRON          | 7.2           | Y           |               |              |           | 7.2           | mg/kg | 5490   | mg/kg |
| RY559-B      | 10FC-RY559-B-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | LEAD          | 0.72          | Y           |               |              |           | 0.72          | mg/kg | 11     | mg/kg |
| RY559-B      | 10FC-RY559-B-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | MAGNESIUM     | 359           | Y           |               |              |           | 359           | mg/kg | 1780   | mg/kg |

## Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code       | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-----------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                       |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY559-B      | 10FC-RY559-B-002006   | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | MANGANESE     | 1.1           | Y           |               |              |           | 1.1                 | mg/kg | 140    | mg/kg |
| RY559-B      | 10FC-RY559-B-002006   | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | NICKEL        | 2.9           | Y           |               |              |           | 2.9                 | mg/kg | 4.3    | mg/kg |
| RY559-B      | 10FC-RY559-B-002006   | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | POTASSIUM     | 359           | Y           |               |              |           | 359                 | mg/kg | 479    | mg/kg |
| RY559-B      | 10FC-RY559-B-002006   | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | SILVER        | 0.72          | N           | U             |              | U         | 0.72                | mg/kg | 0.72   | mg/kg |
| RY559-B      | 10FC-RY559-B-002006   | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | SODIUM        | 359           | Y           | J             |              | J         | 359                 | mg/kg | 146    | mg/kg |
| RY559-B      | 10FC-RY559-B-002006   | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | THALLIUM      | 1.8           | N           | U             |              | U         | 1.8                 | mg/kg | 1.8    | mg/kg |
| RY559-B      | 10FC-RY559-B-002006   | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ANTIMONY      | 4.3           | Y           | J             | J            | J         | 4.3                 | mg/kg | 0.67   | mg/kg |
| RY559-B      | 10FC-RY559-B-002006   | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ARSENIC       | 0.72          | Y           |               |              |           | 0.72                | mg/kg | 4.1    | mg/kg |
| RY559-B      | 10FC-RY559-B-002006   | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | BARIUM        | 14.3          | Y           |               |              |           | 14.3                | mg/kg | 55.8   | mg/kg |
| RY559-B      | 10FC-RY559-B-002006   | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | BERYLLIUM     | 0.36          | Y           | J             |              | J         | 0.36                | mg/kg | 0.2    | mg/kg |
| RY559-B      | 10FC-RY559-B-002006   | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | CADMIUM       | 0.36          | Y           | J             |              | J         | 0.36                | mg/kg | 0.14   | mg/kg |
| RY559-B      | 10FC-RY559-B-002006   | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | CHROMIUM      | 0.72          | Y           |               |              |           | 0.72                | mg/kg | 3.7    | mg/kg |
| RY559-B      | 10FC-RY559-B-002006   | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | COBALT        | 3.6           | Y           | J+            | J+           | J         | 3.6                 | mg/kg | 3      | mg/kg |
| RY559-B      | 10FC-RY559-B-002006   | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | COPPER        | 1.8           | Y           |               |              |           | 1.8                 | mg/kg | 25.7   | mg/kg |
| RY559-B      | 10FC-RY559-B-002006   | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | VANADIUM      | 3.6           | Y           |               |              |           | 3.6                 | mg/kg | 7.3    | mg/kg |
| RY559-B      | 10FC-RY559-B-002006   | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ZINC          | 4.3           | Y           |               |              |           | 4.3                 | mg/kg | 39.2   | mg/kg |
| RY559-B      | 10FC-RY559-B-002006   | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | CALCIUM       | 359           | Y           |               |              |           | 359                 | mg/kg | 2040   | mg/kg |
| RY559-B      | 10FC-RY559-B-002006   | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | SELENIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.5    | mg/kg |
| RY559-B      | 10FC-RY559-B-006012   | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | ALUMINUM      | 12.4          | Y           |               |              |           | 12.4                | mg/kg | 2210   | mg/kg |
| RY559-B      | 10FC-RY559-B-006012   | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | IRON          | 6.2           | Y           |               |              |           | 6.2                 | mg/kg | 5300   | mg/kg |
| RY559-B      | 10FC-RY559-B-006012   | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | LEAD          | 0.62          | Y           |               |              |           | 0.62                | mg/kg | 9.5    | mg/kg |
| RY559-B      | 10FC-RY559-B-006012   | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | MAGNESIUM     | 311           | Y           |               |              |           | 311                 | mg/kg | 1670   | mg/kg |
| RY559-B      | 10FC-RY559-B-006012   | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | MANGANESE     | 0.93          | Y           |               |              |           | 0.93                | mg/kg | 123    | mg/kg |
| RY559-B      | 10FC-RY559-B-006012   | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | NICKEL        | 2.5           | Y           |               |              |           | 2.5                 | mg/kg | 4.4    | mg/kg |
| RY559-B      | 10FC-RY559-B-006012   | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | POTASSIUM     | 311           | Y           |               |              |           | 311                 | mg/kg | 463    | mg/kg |
| RY559-B      | 10FC-RY559-B-006012   | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | SILVER        | 0.62          | N           | U             |              | U         | 0.62                | mg/kg | 0.62   | mg/kg |
| RY559-B      | 10FC-RY559-B-006012   | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | SODIUM        | 311           | Y           | J             |              | J         | 311                 | mg/kg | 122    | mg/kg |
| RY559-B      | 10FC-RY559-B-006012   | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | THALLIUM      | 1.6           | N           | U             |              | U         | 1.6                 | mg/kg | 1.6    | mg/kg |
| RY559-B      | 10FC-RY559-B-006012   | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | ANTIMONY      | 3.7           | Y           | J             | J            | J         | 3.7                 | mg/kg | 0.22   | mg/kg |
| RY559-B      | 10FC-RY559-B-006012   | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | ARSENIC       | 0.62          | Y           |               |              |           | 0.62                | mg/kg | 4      | mg/kg |
| RY559-B      | 10FC-RY559-B-006012   | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | BARIUM        | 12.4          | Y           |               |              |           | 12.4                | mg/kg | 45.4   | mg/kg |
| RY559-B      | 10FC-RY559-B-006012   | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | BERYLLIUM     | 0.31          | Y           | J             |              | J         | 0.31                | mg/kg | 0.16   | mg/kg |
| RY559-B      | 10FC-RY559-B-006012   | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | CADMIUM       | 0.31          | Y           | J             |              | J         | 0.31                | mg/kg | 0.17   | mg/kg |
| RY559-B      | 10FC-RY559-B-006012   | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | CHROMIUM      | 0.62          | Y           |               |              |           | 0.62                | mg/kg | 3.7    | mg/kg |
| RY559-B      | 10FC-RY559-B-006012   | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | COBALT        | 3.1           | Y           | J+            | J+           | J         | 3.1                 | mg/kg | 2.8    | mg/kg |
| RY559-B      | 10FC-RY559-B-006012   | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | COPPER        | 1.6           | Y           |               |              |           | 1.6                 | mg/kg | 34.4   | mg/kg |
| RY559-B      | 10FC-RY559-B-006012   | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | VANADIUM      | 3.1           | Y           |               |              |           | 3.1                 | mg/kg | 6.7    | mg/kg |
| RY559-B      | 10FC-RY559-B-006012   | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | ZINC          | 3.7           | Y           |               |              |           | 3.7                 | mg/kg | 39.4   | mg/kg |
| RY559-B      | 10FC-RY559-B-006012   | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | CALCIUM       | 311           | Y           |               |              |           | 311                 | mg/kg | 1330   | mg/kg |
| RY559-B      | 10FC-RY559-B-006012   | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | SELENIUM      | 2.2           | N           | U             |              | U         | 2.2                 | mg/kg | 2.2    | mg/kg |
| RY559-B      | 10FC-RY559-B-006012-D | 6/29/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | ALUMINUM      | 12.3          | Y           |               |              |           | 12.3                | mg/kg | 2450   | mg/kg |
| RY559-B      | 10FC-RY559-B-006012-D | 6/29/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | IRON          | 6.2           | Y           |               |              |           | 6.2                 | mg/kg | 5700   | mg/kg |
| RY559-B      | 10FC-RY559-B-006012-D | 6/29/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | LEAD          | 0.62          | Y           |               |              |           | 0.62                | mg/kg | 10     | mg/kg |
| RY559-B      | 10FC-RY559-B-006012-D | 6/29/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | MAGNESIUM     | 308           | Y           |               |              |           | 308                 | mg/kg | 1850   | mg/kg |
| RY559-B      | 10FC-RY559-B-006012-D | 6/29/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | MANGANESE     | 0.92          | Y           |               |              |           | 0.92                | mg/kg | 128    | mg/kg |
| RY559-B      | 10FC-RY559-B-006012-D | 6/29/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | NICKEL        | 2.5           | Y           |               |              |           | 2.5                 | mg/kg | 4.4    | mg/kg |
| RY559-B      | 10FC-RY559-B-006012-D | 6/29/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | POTASSIUM     | 308           | Y           |               |              |           | 308                 | mg/kg | 551    | mg/kg |
| RY559-B      | 10FC-RY559-B-006012-D | 6/29/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | SILVER        | 0.62          | N           | U             |              | U         | 0.62                | mg/kg | 0.62   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code       | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|-----------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                       |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY559-B      | 10FC-RY559-B-006012-D | 6/29/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | SODIUM        | 308           | Y           | J             |              | J         | 308           | mg/kg | 122    | mg/kg |
| RY559-B      | 10FC-RY559-B-006012-D | 6/29/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | THALLIUM      | 1.5           | N           | U             |              | U         | 1.5           | mg/kg | 1.5    | mg/kg |
| RY559-B      | 10FC-RY559-B-006012-D | 6/29/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | ANTIMONY      | 3.7           | Y           | J             | J            | J         | 3.7           | mg/kg | 0.29   | mg/kg |
| RY559-B      | 10FC-RY559-B-006012-D | 6/29/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | ARSENIC       | 0.62          | Y           |               |              |           | 0.62          | mg/kg | 4.2    | mg/kg |
| RY559-B      | 10FC-RY559-B-006012-D | 6/29/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | BARIUM        | 12.3          | Y           |               |              |           | 12.3          | mg/kg | 48     | mg/kg |
| RY559-B      | 10FC-RY559-B-006012-D | 6/29/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | BERYLLIUM     | 0.31          | Y           | J             |              | J         | 0.31          | mg/kg | 0.19   | mg/kg |
| RY559-B      | 10FC-RY559-B-006012-D | 6/29/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | CADMIUM       | 0.31          | Y           | J             |              | J         | 0.31          | mg/kg | 0.14   | mg/kg |
| RY559-B      | 10FC-RY559-B-006012-D | 6/29/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | CHROMIUM      | 0.62          | Y           |               |              |           | 0.62          | mg/kg | 3.9    | mg/kg |
| RY559-B      | 10FC-RY559-B-006012-D | 6/29/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | COBALT        | 3.1           | Y           | J+            | J+           |           | 3.1           | mg/kg | 3.3    | mg/kg |
| RY559-B      | 10FC-RY559-B-006012-D | 6/29/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | COPPER        | 1.5           | Y           |               |              |           | 1.5           | mg/kg | 27.6   | mg/kg |
| RY559-B      | 10FC-RY559-B-006012-D | 6/29/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | VANADIUM      | 3.1           | Y           |               |              |           | 3.1           | mg/kg | 7.3    | mg/kg |
| RY559-B      | 10FC-RY559-B-006012-D | 6/29/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | ZINC          | 3.7           | Y           |               |              |           | 3.7           | mg/kg | 41     | mg/kg |
| RY559-B      | 10FC-RY559-B-006012-D | 6/29/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | CALCIUM       | 308           | Y           |               |              |           | 308           | mg/kg | 1180   | mg/kg |
| RY559-B      | 10FC-RY559-B-006012-D | 6/29/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | SELENIUM      | 2.2           | N           | U             |              | U         | 2.2           | mg/kg | 2.2    | mg/kg |
| RY559-C      | 10FC-RY559-C-000002   | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ALUMINUM      | 13.2          | Y           |               |              |           | 13.2          | mg/kg | 3670   | mg/kg |
| RY559-C      | 10FC-RY559-C-000002   | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | IRON          | 6.6           | Y           |               |              |           | 6.6           | mg/kg | 7210   | mg/kg |
| RY559-C      | 10FC-RY559-C-000002   | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | LEAD          | 0.66          | Y           |               |              |           | 0.66          | mg/kg | 9.5    | mg/kg |
| RY559-C      | 10FC-RY559-C-000002   | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | MAGNESIUM     | 330           | Y           |               |              |           | 330           | mg/kg | 2480   | mg/kg |
| RY559-C      | 10FC-RY559-C-000002   | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | MANGANESE     | 0.99          | Y           |               |              |           | 0.99          | mg/kg | 188    | mg/kg |
| RY559-C      | 10FC-RY559-C-000002   | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | NICKEL        | 2.6           | Y           |               |              |           | 2.6           | mg/kg | 5.6    | mg/kg |
| RY559-C      | 10FC-RY559-C-000002   | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | POTASSIUM     | 330           | Y           |               |              |           | 330           | mg/kg | 771    | mg/kg |
| RY559-C      | 10FC-RY559-C-000002   | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | SILVER        | 0.66          | N           | U             |              | U         | 0.66          | mg/kg | 0.66   | mg/kg |
| RY559-C      | 10FC-RY559-C-000002   | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | SODIUM        | 330           | Y           | J             |              | J         | 330           | mg/kg | 163    | mg/kg |
| RY559-C      | 10FC-RY559-C-000002   | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | THALLIUM      | 1.6           | N           | U             |              | U         | 1.6           | mg/kg | 1.6    | mg/kg |
| RY559-C      | 10FC-RY559-C-000002   | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ANTIMONY      | 4.0           | Y           | J             | J            | J         | 4.0           | mg/kg | 0.29   | mg/kg |
| RY559-C      | 10FC-RY559-C-000002   | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ARSENIC       | 0.66          | Y           |               |              |           | 0.66          | mg/kg | 5.3    | mg/kg |
| RY559-C      | 10FC-RY559-C-000002   | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | BARIUM        | 13.2          | Y           |               |              |           | 13.2          | mg/kg | 79.3   | mg/kg |
| RY559-C      | 10FC-RY559-C-000002   | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | BERYLLIUM     | 0.33          | Y           | J             |              | J         | 0.33          | mg/kg | 0.29   | mg/kg |
| RY559-C      | 10FC-RY559-C-000002   | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | CADMIUM       | 0.33          | Y           | J             |              | J         | 0.33          | mg/kg | 0.14   | mg/kg |
| RY559-C      | 10FC-RY559-C-000002   | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | CHROMIUM      | 0.66          | Y           |               |              |           | 0.66          | mg/kg | 5.5    | mg/kg |
| RY559-C      | 10FC-RY559-C-000002   | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | COBALT        | 3.3           | Y           | J+            | J+           |           | 3.3           | mg/kg | 3.8    | mg/kg |
| RY559-C      | 10FC-RY559-C-000002   | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | COPPER        | 1.6           | Y           |               |              |           | 1.6           | mg/kg | 29.9   | mg/kg |
| RY559-C      | 10FC-RY559-C-000002   | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | VANADIUM      | 3.3           | Y           |               |              |           | 3.3           | mg/kg | 9.4    | mg/kg |
| RY559-C      | 10FC-RY559-C-000002   | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ZINC          | 4.0           | Y           |               |              |           | 4.0           | mg/kg | 37.7   | mg/kg |
| RY559-C      | 10FC-RY559-C-000002   | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | CALCIUM       | 330           | Y           |               |              |           | 330           | mg/kg | 2070   | mg/kg |
| RY559-C      | 10FC-RY559-C-000002   | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | SELENIUM      | 2.3           | N           | U             |              | U         | 2.3           | mg/kg | 2.3    | mg/kg |
| RY559-C      | 10FC-RY559-C-002006   | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ALUMINUM      | 13.9          | Y           |               |              |           | 13.9          | mg/kg | 3660   | mg/kg |
| RY559-C      | 10FC-RY559-C-002006   | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | IRON          | 7.0           | Y           |               |              |           | 7.0           | mg/kg | 7060   | mg/kg |
| RY559-C      | 10FC-RY559-C-002006   | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | LEAD          | 0.70          | Y           |               |              |           | 0.70          | mg/kg | 11.2   | mg/kg |
| RY559-C      | 10FC-RY559-C-002006   | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | MAGNESIUM     | 348           | Y           |               |              |           | 348           | mg/kg | 2430   | mg/kg |
| RY559-C      | 10FC-RY559-C-002006   | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | MANGANESE     | 1.0           | Y           |               |              |           | 1.0           | mg/kg | 193    | mg/kg |
| RY559-C      | 10FC-RY559-C-002006   | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | NICKEL        | 2.8           | Y           |               |              |           | 2.8           | mg/kg | 5.7    | mg/kg |
| RY559-C      | 10FC-RY559-C-002006   | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | POTASSIUM     | 348           | Y           |               |              |           | 348           | mg/kg | 729    | mg/kg |
| RY559-C      | 10FC-RY559-C-002006   | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | SILVER        | 0.70          | N           | U             |              | U         | 0.70          | mg/kg | 0.7    | mg/kg |
| RY559-C      | 10FC-RY559-C-002006   | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | SODIUM        | 348           | Y           | J             |              | J         | 348           | mg/kg | 122    | mg/kg |
| RY559-C      | 10FC-RY559-C-002006   | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | THALLIUM      | 1.7           | N           | U             |              | U         | 1.7           | mg/kg | 1.7    | mg/kg |
| RY559-C      | 10FC-RY559-C-002006   | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ANTIMONY      | 4.2           | Y           | J             | J            | J         | 4.2           | mg/kg | 0.37   | mg/kg |
| RY559-C      | 10FC-RY559-C-002006   | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ARSENIC       | 0.70          | Y           |               |              |           | 0.70          | mg/kg | 5.3    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY559-C      | 10FC-RY559-C-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | BARIUM        | 13.9          | Y           |               |              |           | 13.9          | mg/kg | 79.9   | mg/kg |
| RY559-C      | 10FC-RY559-C-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | BERYLLIUM     | 0.35          | Y           | J             |              | J         | 0.35          | mg/kg | 0.3    | mg/kg |
| RY559-C      | 10FC-RY559-C-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | CADMIUM       | 0.35          | Y           | J             |              | J         | 0.35          | mg/kg | 0.14   | mg/kg |
| RY559-C      | 10FC-RY559-C-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | CHROMIUM      | 0.70          | Y           |               |              |           | 0.70          | mg/kg | 5      | mg/kg |
| RY559-C      | 10FC-RY559-C-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | COBALT        | 3.5           | Y           | J+            | J+           |           | 3.5           | mg/kg | 4.1    | mg/kg |
| RY559-C      | 10FC-RY559-C-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | COPPER        | 1.7           | Y           |               |              |           | 1.7           | mg/kg | 33.7   | mg/kg |
| RY559-C      | 10FC-RY559-C-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | VANADIUM      | 3.5           | Y           |               |              |           | 3.5           | mg/kg | 9.2    | mg/kg |
| RY559-C      | 10FC-RY559-C-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ZINC          | 4.2           | Y           |               |              |           | 4.2           | mg/kg | 41     | mg/kg |
| RY559-C      | 10FC-RY559-C-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | CALCIUM       | 348           | Y           |               |              |           | 348           | mg/kg | 2040   | mg/kg |
| RY559-C      | 10FC-RY559-C-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | SELENIUM      | 2.4           | N           | U             |              | U         | 2.4           | mg/kg | 2.4    | mg/kg |
| RY559-C      | 10FC-RY559-C-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | ALUMINUM      | 12.8          | Y           |               |              |           | 12.8          | mg/kg | 3730   | mg/kg |
| RY559-C      | 10FC-RY559-C-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | IRON          | 6.4           | Y           |               |              |           | 6.4           | mg/kg | 7690   | mg/kg |
| RY559-C      | 10FC-RY559-C-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | LEAD          | 0.64          | Y           |               |              |           | 0.64          | mg/kg | 12.8   | mg/kg |
| RY559-C      | 10FC-RY559-C-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | MAGNESIUM     | 321           | Y           |               |              |           | 321           | mg/kg | 2600   | mg/kg |
| RY559-C      | 10FC-RY559-C-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | MANGANESE     | 0.96          | Y           |               |              |           | 0.96          | mg/kg | 201    | mg/kg |
| RY559-C      | 10FC-RY559-C-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | NICKEL        | 2.6           | Y           |               |              |           | 2.6           | mg/kg | 6.1    | mg/kg |
| RY559-C      | 10FC-RY559-C-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | POTASSIUM     | 321           | Y           |               |              |           | 321           | mg/kg | 804    | mg/kg |
| RY559-C      | 10FC-RY559-C-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | SILVER        | 0.64          | N           | U             |              | U         | 0.64          | mg/kg | 0.64   | mg/kg |
| RY559-C      | 10FC-RY559-C-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | SODIUM        | 321           | Y           | J             |              | J         | 321           | mg/kg | 120    | mg/kg |
| RY559-C      | 10FC-RY559-C-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | THALLIUM      | 1.6           | N           | U             |              | U         | 1.6           | mg/kg | 1.6    | mg/kg |
| RY559-C      | 10FC-RY559-C-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | ANTIMONY      | 3.9           | Y           | J             | J            | J         | 3.9           | mg/kg | 0.4    | mg/kg |
| RY559-C      | 10FC-RY559-C-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | ARSENIC       | 0.64          | Y           |               |              |           | 0.64          | mg/kg | 6.3    | mg/kg |
| RY559-C      | 10FC-RY559-C-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | BARIUM        | 12.8          | Y           |               |              |           | 12.8          | mg/kg | 84.1   | mg/kg |
| RY559-C      | 10FC-RY559-C-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | BERYLLIUM     | 0.32          | Y           | J             |              | J         | 0.32          | mg/kg | 0.3    | mg/kg |
| RY559-C      | 10FC-RY559-C-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | CADMIUM       | 0.32          | Y           | J             |              | J         | 0.32          | mg/kg | 0.18   | mg/kg |
| RY559-C      | 10FC-RY559-C-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | CHROMIUM      | 0.64          | Y           |               |              |           | 0.64          | mg/kg | 5.1    | mg/kg |
| RY559-C      | 10FC-RY559-C-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | COBALT        | 3.2           | Y           | J+            | J+           |           | 3.2           | mg/kg | 4.2    | mg/kg |
| RY559-C      | 10FC-RY559-C-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | COPPER        | 1.6           | Y           |               |              |           | 1.6           | mg/kg | 46.7   | mg/kg |
| RY559-C      | 10FC-RY559-C-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | VANADIUM      | 3.2           | Y           |               |              |           | 3.2           | mg/kg | 9.5    | mg/kg |
| RY559-C      | 10FC-RY559-C-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | ZINC          | 3.9           | Y           |               |              |           | 3.9           | mg/kg | 46.6   | mg/kg |
| RY559-C      | 10FC-RY559-C-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | CALCIUM       | 321           | Y           |               |              |           | 321           | mg/kg | 2190   | mg/kg |
| RY559-C      | 10FC-RY559-C-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | SELENIUM      | 2.2           | N           | U             |              | U         | 2.2           | mg/kg | 2.2    | mg/kg |
| RY559-D      | 10FC-RY559-D-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ALUMINUM      | 12.5          | Y           |               |              |           | 12.5          | mg/kg | 2350   | mg/kg |
| RY559-D      | 10FC-RY559-D-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | IRON          | 6.2           | Y           |               |              |           | 6.2           | mg/kg | 5480   | mg/kg |
| RY559-D      | 10FC-RY559-D-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | LEAD          | 0.62          | Y           |               |              |           | 0.62          | mg/kg | 4.5    | mg/kg |
| RY559-D      | 10FC-RY559-D-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | MAGNESIUM     | 311           | Y           |               |              |           | 311           | mg/kg | 1550   | mg/kg |
| RY559-D      | 10FC-RY559-D-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | MANGANESE     | 0.93          | Y           |               |              |           | 0.93          | mg/kg | 161    | mg/kg |
| RY559-D      | 10FC-RY559-D-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | NICKEL        | 2.5           | Y           |               |              |           | 2.5           | mg/kg | 4.4    | mg/kg |
| RY559-D      | 10FC-RY559-D-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | POTASSIUM     | 311           | Y           |               |              |           | 311           | mg/kg | 626    | mg/kg |
| RY559-D      | 10FC-RY559-D-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | SILVER        | 0.62          | N           | U             |              | U         | 0.62          | mg/kg | 0.62   | mg/kg |
| RY559-D      | 10FC-RY559-D-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | SODIUM        | 311           | Y           | J             |              | J         | 311           | mg/kg | 161    | mg/kg |
| RY559-D      | 10FC-RY559-D-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | THALLIUM      | 1.6           | N           | U             |              | U         | 1.6           | mg/kg | 1.6    | mg/kg |
| RY559-D      | 10FC-RY559-D-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ANTIMONY      | 3.7           | Y           | J             | J            | J         | 3.7           | mg/kg | 0.22   | mg/kg |
| RY559-D      | 10FC-RY559-D-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ARSENIC       | 0.62          | Y           |               |              |           | 0.62          | mg/kg | 3.6    | mg/kg |
| RY559-D      | 10FC-RY559-D-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | BARIUM        | 12.5          | Y           |               |              |           | 12.5          | mg/kg | 51.7   | mg/kg |
| RY559-D      | 10FC-RY559-D-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | BERYLLIUM     | 0.31          | Y           | J             |              | J         | 0.31          | mg/kg | 0.19   | mg/kg |
| RY559-D      | 10FC-RY559-D-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | CADMIUM       | 0.31          | Y           | J             |              | J         | 0.31          | mg/kg | 0.04   | mg/kg |
| RY559-D      | 10FC-RY559-D-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | CHROMIUM      | 0.62          | Y           |               |              |           | 0.62          | mg/kg | 3.4    | mg/kg |

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| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY559-D      | 10FC-RY559-D-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | COBALT        | 3.1           | Y           | J+            | J+           | J         | 3.1           | mg/kg | 2.9    | mg/kg |
| RY559-D      | 10FC-RY559-D-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | COPPER        | 1.6           | Y           |               |              |           | 1.6           | mg/kg | 11.7   | mg/kg |
| RY559-D      | 10FC-RY559-D-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | VANADIUM      | 3.1           | Y           |               |              |           | 3.1           | mg/kg | 4.8    | mg/kg |
| RY559-D      | 10FC-RY559-D-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ZINC          | 3.7           | Y           |               |              |           | 3.7           | mg/kg | 17.6   | mg/kg |
| RY559-D      | 10FC-RY559-D-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | CALCIUM       | 311           | Y           |               |              |           | 311           | mg/kg | 1060   | mg/kg |
| RY559-D      | 10FC-RY559-D-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | SELENIUM      | 2.2           | N           | U             |              | U         | 2.2           | mg/kg | 2.2    | mg/kg |
| RY559-D      | 10FC-RY559-D-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ALUMINUM      | 12.1          | Y           |               |              |           | 12.1          | mg/kg | 3590   | mg/kg |
| RY559-D      | 10FC-RY559-D-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | IRON          | 6.1           | Y           |               |              |           | 6.1           | mg/kg | 7060   | mg/kg |
| RY559-D      | 10FC-RY559-D-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | LEAD          | 0.61          | Y           |               |              |           | 0.61          | mg/kg | 8.4    | mg/kg |
| RY559-D      | 10FC-RY559-D-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | MAGNESIUM     | 304           | Y           |               |              |           | 304           | mg/kg | 2590   | mg/kg |
| RY559-D      | 10FC-RY559-D-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | MANGANESE     | 0.91          | Y           |               |              |           | 0.91          | mg/kg | 167    | mg/kg |
| RY559-D      | 10FC-RY559-D-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | NICKEL        | 2.4           | Y           |               |              |           | 2.4           | mg/kg | 5.6    | mg/kg |
| RY559-D      | 10FC-RY559-D-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | POTASSIUM     | 304           | Y           |               |              |           | 304           | mg/kg | 791    | mg/kg |
| RY559-D      | 10FC-RY559-D-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | SILVER        | 0.61          | N           | U             |              | U         | 0.61          | mg/kg | 0.61   | mg/kg |
| RY559-D      | 10FC-RY559-D-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | SODIUM        | 304           | Y           | J             |              | J         | 304           | mg/kg | 134    | mg/kg |
| RY559-D      | 10FC-RY559-D-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | THALLIUM      | 1.5           | N           | U             |              | U         | 1.5           | mg/kg | 1.5    | mg/kg |
| RY559-D      | 10FC-RY559-D-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ANTIMONY      | 3.6           | Y           | J             | J            | J         | 3.6           | mg/kg | 0.33   | mg/kg |
| RY559-D      | 10FC-RY559-D-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ARSENIC       | 0.61          | Y           |               |              |           | 0.61          | mg/kg | 4.6    | mg/kg |
| RY559-D      | 10FC-RY559-D-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | BARIUM        | 12.1          | Y           |               |              |           | 12.1          | mg/kg | 71.7   | mg/kg |
| RY559-D      | 10FC-RY559-D-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | BERYLLIUM     | 0.30          | Y           | J             |              | J         | 0.30          | mg/kg | 0.26   | mg/kg |
| RY559-D      | 10FC-RY559-D-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | CADMIUM       | 0.30          | Y           | J             |              | J         | 0.30          | mg/kg | 0.1    | mg/kg |
| RY559-D      | 10FC-RY559-D-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | CHROMIUM      | 0.61          | Y           |               |              |           | 0.61          | mg/kg | 4.8    | mg/kg |
| RY559-D      | 10FC-RY559-D-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | COBALT        | 3.0           | Y           | J+            | J+           |           | 3.0           | mg/kg | 3.6    | mg/kg |
| RY559-D      | 10FC-RY559-D-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | COPPER        | 1.5           | Y           |               |              |           | 1.5           | mg/kg | 29.6   | mg/kg |
| RY559-D      | 10FC-RY559-D-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | VANADIUM      | 3.0           | Y           |               |              |           | 3.0           | mg/kg | 8.2    | mg/kg |
| RY559-D      | 10FC-RY559-D-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ZINC          | 3.6           | Y           |               |              |           | 3.6           | mg/kg | 32.6   | mg/kg |
| RY559-D      | 10FC-RY559-D-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | CALCIUM       | 304           | Y           |               |              |           | 304           | mg/kg | 1590   | mg/kg |
| RY559-D      | 10FC-RY559-D-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | SELENIUM      | 2.1           | N           | U             |              | U         | 2.1           | mg/kg | 2.1    | mg/kg |
| RY559-D      | 10FC-RY559-D-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | ALUMINUM      | 12.6          | Y           |               |              |           | 12.6          | mg/kg | 3220   | mg/kg |
| RY559-D      | 10FC-RY559-D-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | IRON          | 6.3           | Y           |               |              |           | 6.3           | mg/kg | 6810   | mg/kg |
| RY559-D      | 10FC-RY559-D-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | LEAD          | 0.63          | Y           |               |              |           | 0.63          | mg/kg | 8.4    | mg/kg |
| RY559-D      | 10FC-RY559-D-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | MAGNESIUM     | 314           | Y           |               |              |           | 314           | mg/kg | 2340   | mg/kg |
| RY559-D      | 10FC-RY559-D-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | MANGANESE     | 0.94          | Y           |               |              |           | 0.94          | mg/kg | 167    | mg/kg |
| RY559-D      | 10FC-RY559-D-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | NICKEL        | 2.5           | Y           |               |              |           | 2.5           | mg/kg | 5.2    | mg/kg |
| RY559-D      | 10FC-RY559-D-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | POTASSIUM     | 314           | Y           |               |              |           | 314           | mg/kg | 666    | mg/kg |
| RY559-D      | 10FC-RY559-D-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | SILVER        | 0.63          | N           | U             |              | U         | 0.63          | mg/kg | 0.63   | mg/kg |
| RY559-D      | 10FC-RY559-D-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | SODIUM        | 314           | Y           | J             |              | J         | 314           | mg/kg | 147    | mg/kg |
| RY559-D      | 10FC-RY559-D-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | THALLIUM      | 1.6           | N           | U             |              | U         | 1.6           | mg/kg | 1.6    | mg/kg |
| RY559-D      | 10FC-RY559-D-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | ANTIMONY      | 3.8           | Y           | J             | J            | J         | 3.8           | mg/kg | 0.31   | mg/kg |
| RY559-D      | 10FC-RY559-D-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | ARSENIC       | 0.63          | Y           |               |              |           | 0.63          | mg/kg | 4.8    | mg/kg |
| RY559-D      | 10FC-RY559-D-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | BARIUM        | 12.6          | Y           |               |              |           | 12.6          | mg/kg | 67.7   | mg/kg |
| RY559-D      | 10FC-RY559-D-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | BERYLLIUM     | 0.31          | Y           | J             |              | J         | 0.31          | mg/kg | 0.26   | mg/kg |
| RY559-D      | 10FC-RY559-D-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | CADMIUM       | 0.31          | Y           | J             |              | J         | 0.31          | mg/kg | 0.1    | mg/kg |
| RY559-D      | 10FC-RY559-D-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | CHROMIUM      | 0.63          | Y           |               |              |           | 0.63          | mg/kg | 4.6    | mg/kg |
| RY559-D      | 10FC-RY559-D-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | COBALT        | 3.1           | Y           | J+            | J+           |           | 3.1           | mg/kg | 3.6    | mg/kg |
| RY559-D      | 10FC-RY559-D-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | COPPER        | 1.6           | Y           |               |              |           | 1.6           | mg/kg | 31.2   | mg/kg |
| RY559-D      | 10FC-RY559-D-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | VANADIUM      | 3.1           | Y           |               |              |           | 3.1           | mg/kg | 8.3    | mg/kg |
| RY559-D      | 10FC-RY559-D-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | ZINC          | 3.8           | Y           |               |              |           | 3.8           | mg/kg | 32.8   | mg/kg |

## Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY559-D      | 10FC-RY559-D-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | CALCIUM       | 314           | Y           |               |              |           | 314                 | mg/kg | 1640   | mg/kg |
| RY559-D      | 10FC-RY559-D-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | SELENIUM      | 2.2           | N           | U             |              | U         | 2.2                 | mg/kg | 2.2    | mg/kg |
| RY560-A      | 10FC-RY560-A-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ALUMINUM      | 14.2          | Y           |               |              |           | 14.2                | mg/kg | 4020   | mg/kg |
| RY560-A      | 10FC-RY560-A-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | IRON          | 7.1           | Y           |               |              |           | 7.1                 | mg/kg | 7740   | mg/kg |
| RY560-A      | 10FC-RY560-A-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | LEAD          | 0.71          | Y           |               |              |           | 0.71                | mg/kg | 19.7   | mg/kg |
| RY560-A      | 10FC-RY560-A-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | MAGNESIUM     | 354           | Y           |               |              |           | 354                 | mg/kg | 2830   | mg/kg |
| RY560-A      | 10FC-RY560-A-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | MANGANESE     | 1.1           | Y           |               |              |           | 1.1                 | mg/kg | 234    | mg/kg |
| RY560-A      | 10FC-RY560-A-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | NICKEL        | 2.8           | Y           |               |              |           | 2.8                 | mg/kg | 5.9    | mg/kg |
| RY560-A      | 10FC-RY560-A-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | POTASSIUM     | 354           | Y           |               |              |           | 354                 | mg/kg | 1050   | mg/kg |
| RY560-A      | 10FC-RY560-A-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | SILVER        | 0.71          | N           | U             |              | U         | 0.71                | mg/kg | 0.71   | mg/kg |
| RY560-A      | 10FC-RY560-A-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | SODIUM        | 354           | Y           | J             |              | J         | 354                 | mg/kg | 255    | mg/kg |
| RY560-A      | 10FC-RY560-A-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | THALLIUM      | 1.8           | N           | U             |              | U         | 1.8                 | mg/kg | 1.8    | mg/kg |
| RY560-A      | 10FC-RY560-A-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ANTIMONY      | 4.2           | Y           | J             | J            | J         | 4.2                 | mg/kg | 0.55   | mg/kg |
| RY560-A      | 10FC-RY560-A-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ARSENIC       | 0.71          | Y           |               |              |           | 0.71                | mg/kg | 6.9    | mg/kg |
| RY560-A      | 10FC-RY560-A-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | BARIIUM       | 14.2          | Y           |               |              |           | 14.2                | mg/kg | 101    | mg/kg |
| RY560-A      | 10FC-RY560-A-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | BERYLLIUM     | 0.35          | Y           | J             |              | J         | 0.35                | mg/kg | 0.32   | mg/kg |
| RY560-A      | 10FC-RY560-A-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | CADMIUM       | 0.35          | Y           | J             |              | J         | 0.35                | mg/kg | 0.28   | mg/kg |
| RY560-A      | 10FC-RY560-A-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | CHROMIUM      | 0.71          | Y           |               |              |           | 0.71                | mg/kg | 5.3    | mg/kg |
| RY560-A      | 10FC-RY560-A-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | COBALT        | 3.5           | Y           | J+            | J+           |           | 3.5                 | mg/kg | 4.1    | mg/kg |
| RY560-A      | 10FC-RY560-A-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | COPPER        | 1.8           | Y           |               |              |           | 1.8                 | mg/kg | 59.1   | mg/kg |
| RY560-A      | 10FC-RY560-A-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | VANADIUM      | 3.5           | Y           |               |              |           | 3.5                 | mg/kg | 9.7    | mg/kg |
| RY560-A      | 10FC-RY560-A-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ZINC          | 4.2           | Y           |               |              |           | 4.2                 | mg/kg | 76     | mg/kg |
| RY560-A      | 10FC-RY560-A-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | CALCIUM       | 354           | Y           |               |              |           | 354                 | mg/kg | 3060   | mg/kg |
| RY560-A      | 10FC-RY560-A-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | SELENIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.5    | mg/kg |
| RY560-A      | 10FC-RY560-A-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ALUMINUM      | 12.1          | Y           |               |              |           | 12.1                | mg/kg | 3710   | mg/kg |
| RY560-A      | 10FC-RY560-A-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | IRON          | 6.1           | Y           |               |              |           | 6.1                 | mg/kg | 7500   | mg/kg |
| RY560-A      | 10FC-RY560-A-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | LEAD          | 0.61          | Y           |               |              |           | 0.61                | mg/kg | 16.2   | mg/kg |
| RY560-A      | 10FC-RY560-A-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | MAGNESIUM     | 304           | Y           |               |              |           | 304                 | mg/kg | 2670   | mg/kg |
| RY560-A      | 10FC-RY560-A-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | MANGANESE     | 0.91          | Y           |               |              |           | 0.91                | mg/kg | 21.1   | mg/kg |
| RY560-A      | 10FC-RY560-A-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | NICKEL        | 2.4           | Y           |               |              |           | 2.4                 | mg/kg | 5.9    | mg/kg |
| RY560-A      | 10FC-RY560-A-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | POTASSIUM     | 304           | Y           |               |              |           | 304                 | mg/kg | 928    | mg/kg |
| RY560-A      | 10FC-RY560-A-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | SILVER        | 0.61          | N           | U             |              | U         | 0.61                | mg/kg | 0.61   | mg/kg |
| RY560-A      | 10FC-RY560-A-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | SODIUM        | 304           | Y           | J             |              | J         | 304                 | mg/kg | 106    | mg/kg |
| RY560-A      | 10FC-RY560-A-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | THALLIUM      | 1.5           | N           | U             |              | U         | 1.5                 | mg/kg | 1.5    | mg/kg |
| RY560-A      | 10FC-RY560-A-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ANTIMONY      | 3.6           | Y           | J             | J            | J         | 3.6                 | mg/kg | 0.43   | mg/kg |
| RY560-A      | 10FC-RY560-A-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ARSENIC       | 0.61          | Y           |               |              |           | 0.61                | mg/kg | 6.5    | mg/kg |
| RY560-A      | 10FC-RY560-A-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | BARIIUM       | 12.1          | Y           |               |              |           | 12.1                | mg/kg | 78.7   | mg/kg |
| RY560-A      | 10FC-RY560-A-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | BERYLLIUM     | 0.30          | Y           | J             |              | J         | 0.30                | mg/kg | 0.28   | mg/kg |
| RY560-A      | 10FC-RY560-A-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | CADMIUM       | 0.30          | Y           | J             |              | J         | 0.30                | mg/kg | 0.24   | mg/kg |
| RY560-A      | 10FC-RY560-A-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | CHROMIUM      | 0.61          | Y           |               |              |           | 0.61                | mg/kg | 5.1    | mg/kg |
| RY560-A      | 10FC-RY560-A-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | COBALT        | 3.0           | Y           | J+            | J+           |           | 3.0                 | mg/kg | 4.1    | mg/kg |
| RY560-A      | 10FC-RY560-A-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | COPPER        | 1.5           | Y           |               |              |           | 1.5                 | mg/kg | 57.3   | mg/kg |
| RY560-A      | 10FC-RY560-A-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | VANADIUM      | 3.0           | Y           |               |              |           | 3.0                 | mg/kg | 9.3    | mg/kg |
| RY560-A      | 10FC-RY560-A-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ZINC          | 3.6           | Y           |               |              |           | 3.6                 | mg/kg | 63.7   | mg/kg |
| RY560-A      | 10FC-RY560-A-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | CALCIUM       | 304           | Y           |               |              |           | 304                 | mg/kg | 2070   | mg/kg |
| RY560-A      | 10FC-RY560-A-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | SELENIUM      | 2.1           | N           | U             |              | U         | 2.1                 | mg/kg | 2.1    | mg/kg |
| RY392-B      | 10FC-RY392-B-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/22/2010    | ALUMINUM      | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 8230   | mg/kg |
| RY392-B      | 10FC-RY392-B-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/22/2010    | IRON          | 10.0          | Y           |               |              |           | 10.0                | mg/kg | 11800  | mg/kg |

## Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY392-B      | 10FC-RY392-B-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/22/2010    | LEAD          | 1.0           | Y           | J+            | J+           |           | 1.0                 | mg/kg | 343    | mg/kg |
| RY392-B      | 10FC-RY392-B-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/22/2010    | MAGNESIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 3150   | mg/kg |
| RY392-B      | 10FC-RY392-B-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/22/2010    | MANGANESE     | 1.5           | Y           |               |              |           | 1.5                 | mg/kg | 419    | mg/kg |
| RY392-B      | 10FC-RY392-B-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/22/2010    | NICKEL        | 4.0           | Y           |               |              |           | 4.0                 | mg/kg | 7.3    | mg/kg |
| RY392-B      | 10FC-RY392-B-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/22/2010    | POTASSIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 1560   | mg/kg |
| RY392-B      | 10FC-RY392-B-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/22/2010    | SILVER        | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 1.3    | mg/kg |
| RY392-B      | 10FC-RY392-B-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/22/2010    | SODIUM        | 500           | Y           | UJ            | 500UJ        | J         | 500                 | mg/kg | 500    | mg/kg |
| RY392-B      | 10FC-RY392-B-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/22/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.7    | mg/kg |
| RY392-B      | 10FC-RY392-B-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/22/2010    | ANTIMONY      | 6.0           | Y           | J             | J            |           | 6.0                 | mg/kg | 11.8   | mg/kg |
| RY392-B      | 10FC-RY392-B-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/22/2010    | ARSENIC       | 1.0           | Y           | J             | J            |           | 1.0                 | mg/kg | 29.5   | mg/kg |
| RY392-B      | 10FC-RY392-B-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/22/2010    | BARIUM        | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 123    | mg/kg |
| RY392-B      | 10FC-RY392-B-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/22/2010    | BERYLLIUM     | 0.50          | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY392-B      | 10FC-RY392-B-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/22/2010    | CADMIUM       | 0.50          | Y           |               |              |           | 0.50                | mg/kg | 2.8    | mg/kg |
| RY392-B      | 10FC-RY392-B-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/22/2010    | CHROMIUM      | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 7.5    | mg/kg |
| RY392-B      | 10FC-RY392-B-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/22/2010    | COBALT        | 5.0           | Y           | J             |              | J         | 5.0                 | mg/kg | 3.9    | mg/kg |
| RY392-B      | 10FC-RY392-B-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/22/2010    | COPPER        | 2.5           | Y           |               |              |           | 2.5                 | mg/kg | 9.8    | mg/kg |
| RY392-B      | 10FC-RY392-B-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/22/2010    | VANADIUM      | 5.0           | Y           |               |              |           | 5.0                 | mg/kg | 14     | mg/kg |
| RY392-B      | 10FC-RY392-B-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/22/2010    | CALCIUM       | 500           | Y           |               |              |           | 500                 | mg/kg | 2330   | mg/kg |
| RY392-B      | 10FC-RY392-B-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/22/2010    | SELENIUM      | 3.5           | N           | U             |              | U         | 3.5                 | mg/kg | 3.8    | mg/kg |
| RY392-B      | 10FC-RY392-B-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/25/2010    | ZINC          | 6.0           | Y           |               |              |           | 6.0                 | mg/kg | 717    | mg/kg |
| RY392-C      | 10FC-RY392-C-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/22/2010    | ALUMINUM      | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 2250   | mg/kg |
| RY392-C      | 10FC-RY392-C-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/22/2010    | IRON          | 10.0          | Y           |               |              |           | 10.0                | mg/kg | 3090   | mg/kg |
| RY392-C      | 10FC-RY392-C-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/22/2010    | LEAD          | 1.0           | Y           | J+            | J+           |           | 1.0                 | mg/kg | 29.3   | mg/kg |
| RY392-C      | 10FC-RY392-C-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/22/2010    | MAGNESIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 961    | mg/kg |
| RY392-C      | 10FC-RY392-C-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/22/2010    | MANGANESE     | 1.5           | Y           |               |              |           | 1.5                 | mg/kg | 117    | mg/kg |
| RY392-C      | 10FC-RY392-C-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/22/2010    | NICKEL        | 4.0           | Y           | J             |              | J         | 4.0                 | mg/kg | 1.9    | mg/kg |
| RY392-C      | 10FC-RY392-C-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/22/2010    | POTASSIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 531    | mg/kg |
| RY392-C      | 10FC-RY392-C-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/22/2010    | SILVER        | 1.0           | Y           | J             |              | J         | 1.0                 | mg/kg | 0.31   | mg/kg |
| RY392-C      | 10FC-RY392-C-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/22/2010    | SODIUM        | 500           | Y           | UJ            | 500UJ        | J         | 500                 | mg/kg | 500    | mg/kg |
| RY392-C      | 10FC-RY392-C-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/22/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY392-C      | 10FC-RY392-C-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/22/2010    | ANTIMONY      | 6.0           | Y           | J             | J            | J         | 6.0                 | mg/kg | 0.73   | mg/kg |
| RY392-C      | 10FC-RY392-C-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/22/2010    | ARSENIC       | 1.0           | Y           | J             | J            |           | 1.0                 | mg/kg | 3.3    | mg/kg |
| RY392-C      | 10FC-RY392-C-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/22/2010    | BARIUM        | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 35     | mg/kg |
| RY392-C      | 10FC-RY392-C-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/22/2010    | BERYLLIUM     | 0.50          | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY392-C      | 10FC-RY392-C-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/22/2010    | CADMIUM       | 0.50          | Y           | J             |              | J         | 0.50                | mg/kg | 0.23   | mg/kg |
| RY392-C      | 10FC-RY392-C-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/22/2010    | CHROMIUM      | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 2.1    | mg/kg |
| RY392-C      | 10FC-RY392-C-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/22/2010    | COBALT        | 5.0           | N           | U             |              | U         | 5.0                 | mg/kg | 5.1    | mg/kg |
| RY392-C      | 10FC-RY392-C-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/22/2010    | COPPER        | 2.5           | Y           |               |              |           | 2.5                 | mg/kg | 3.3    | mg/kg |
| RY392-C      | 10FC-RY392-C-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/22/2010    | VANADIUM      | 5.0           | Y           | J             |              | J         | 5.0                 | mg/kg | 3.7    | mg/kg |
| RY392-C      | 10FC-RY392-C-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/22/2010    | ZINC          | 6.0           | Y           |               |              |           | 6.0                 | mg/kg | 61.3   | mg/kg |
| RY392-C      | 10FC-RY392-C-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/22/2010    | CALCIUM       | 500           | Y           |               |              |           | 500                 | mg/kg | 972    | mg/kg |
| RY392-C      | 10FC-RY392-C-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/22/2010    | SELENIUM      | 3.5           | N           | U             |              | U         | 3.5                 | mg/kg | 3.6    | mg/kg |
| RY392-C      | 10FC-RY392-C-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/22/2010    | ALUMINUM      | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 3810   | mg/kg |
| RY392-C      | 10FC-RY392-C-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/22/2010    | IRON          | 10.0          | Y           |               |              |           | 10.0                | mg/kg | 5030   | mg/kg |
| RY392-C      | 10FC-RY392-C-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/22/2010    | LEAD          | 1.0           | Y           | J+            | J+           |           | 1.0                 | mg/kg | 16.8   | mg/kg |
| RY392-C      | 10FC-RY392-C-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/22/2010    | MAGNESIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 1590   | mg/kg |
| RY392-C      | 10FC-RY392-C-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/22/2010    | MANGANESE     | 1.5           | Y           |               |              |           | 1.5                 | mg/kg | 196    | mg/kg |
| RY392-C      | 10FC-RY392-C-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/22/2010    | NICKEL        | 4.0           | Y           | J             |              | J         | 4.0                 | mg/kg | 3      | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY392-C      | 10FC-RY392-C-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/22/2010    | POTASSIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 830    | mg/kg |
| RY392-C      | 10FC-RY392-C-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/22/2010    | SILVER        | 1.0           | Y           | J             |              | J         | 1.0                 | mg/kg | 0.39   | mg/kg |
| RY392-C      | 10FC-RY392-C-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/22/2010    | SODIUM        | 500           | Y           | UJ            | 500UJ        | J         | 500                 | mg/kg | 500    | mg/kg |
| RY392-C      | 10FC-RY392-C-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/22/2010    | THALLIUM      | 2.5           | N           | U             |              | J         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY392-C      | 10FC-RY392-C-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/22/2010    | ANTIMONY      | 6.0           | Y           | J             | J            | J         | 6.0                 | mg/kg | 0.79   | mg/kg |
| RY392-C      | 10FC-RY392-C-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/22/2010    | ARSENIC       | 1.0           | Y           | J             | J            |           | 1.0                 | mg/kg | 3      | mg/kg |
| RY392-C      | 10FC-RY392-C-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/22/2010    | BARIUM        | 20.0          | Y           | U             | 0.5U         |           | 20.0                | mg/kg | 0.5    | mg/kg |
| RY392-C      | 10FC-RY392-C-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/22/2010    | BERYLLIUM     | 0.50          | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY392-C      | 10FC-RY392-C-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/22/2010    | CADMIUM       | 0.50          | Y           | J             |              | J         | 0.50                | mg/kg | 0.15   | mg/kg |
| RY392-C      | 10FC-RY392-C-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/22/2010    | CHROMIUM      | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 3.2    | mg/kg |
| RY392-C      | 10FC-RY392-C-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/22/2010    | COBALT        | 5.0           | Y           | J             |              | J         | 5.0                 | mg/kg | 0.83   | mg/kg |
| RY392-C      | 10FC-RY392-C-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/22/2010    | COPPER        | 2.5           | Y           |               |              |           | 2.5                 | mg/kg | 4.2    | mg/kg |
| RY392-C      | 10FC-RY392-C-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/22/2010    | VANADIUM      | 5.0           | Y           |               |              |           | 5.0                 | mg/kg | 5.8    | mg/kg |
| RY392-C      | 10FC-RY392-C-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/22/2010    | ZINC          | 6.0           | Y           |               |              |           | 6.0                 | mg/kg | 52.9   | mg/kg |
| RY392-C      | 10FC-RY392-C-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/22/2010    | CALCIUM       | 500           | Y           |               |              |           | 500                 | mg/kg | 1060   | mg/kg |
| RY392-C      | 10FC-RY392-C-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/22/2010    | SELENIUM      | 3.5           | N           | U             |              | U         | 3.5                 | mg/kg | 3.6    | mg/kg |
| RY392-C      | 10FC-RY392-C-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/22/2010    | ALUMINUM      | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 3350   | mg/kg |
| RY392-C      | 10FC-RY392-C-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/22/2010    | IRON          | 10.0          | Y           |               |              |           | 10.0                | mg/kg | 4380   | mg/kg |
| RY392-C      | 10FC-RY392-C-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/22/2010    | LEAD          | 1.0           | Y           | J+            | J+           |           | 1.0                 | mg/kg | 14     | mg/kg |
| RY392-C      | 10FC-RY392-C-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/22/2010    | MAGNESIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 1360   | mg/kg |
| RY392-C      | 10FC-RY392-C-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/22/2010    | MANGANESE     | 1.5           | Y           |               |              |           | 1.5                 | mg/kg | 166    | mg/kg |
| RY392-C      | 10FC-RY392-C-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/22/2010    | NICKEL        | 4.0           | Y           | J             |              | J         | 4.0                 | mg/kg | 2.5    | mg/kg |
| RY392-C      | 10FC-RY392-C-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/22/2010    | POTASSIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 725    | mg/kg |
| RY392-C      | 10FC-RY392-C-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/22/2010    | SILVER        | 1.0           | Y           | J             |              | J         | 1.0                 | mg/kg | 0.28   | mg/kg |
| RY392-C      | 10FC-RY392-C-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/22/2010    | SODIUM        | 500           | Y           | UJ            | 500UJ        | J         | 500                 | mg/kg | 500    | mg/kg |
| RY392-C      | 10FC-RY392-C-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/22/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY392-C      | 10FC-RY392-C-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/22/2010    | ANTIMONY      | 6.0           | Y           | J             | J            | J         | 6.0                 | mg/kg | 0.55   | mg/kg |
| RY392-C      | 10FC-RY392-C-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/22/2010    | ARSENIC       | 1.0           | Y           | J             | J            |           | 1.0                 | mg/kg | 2.5    | mg/kg |
| RY392-C      | 10FC-RY392-C-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/22/2010    | BARIUM        | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 52.5   | mg/kg |
| RY392-C      | 10FC-RY392-C-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/22/2010    | BERYLLIUM     | 0.50          | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY392-C      | 10FC-RY392-C-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/22/2010    | CADMIUM       | 0.50          | Y           | J             |              | J         | 0.50                | mg/kg | 0.12   | mg/kg |
| RY392-C      | 10FC-RY392-C-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/22/2010    | CHROMIUM      | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 2.9    | mg/kg |
| RY392-C      | 10FC-RY392-C-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/22/2010    | COBALT        | 5.0           | Y           | J             |              | J         | 5.0                 | mg/kg | 0.55   | mg/kg |
| RY392-C      | 10FC-RY392-C-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/22/2010    | COPPER        | 2.5           | Y           |               |              |           | 2.5                 | mg/kg | 3.7    | mg/kg |
| RY392-C      | 10FC-RY392-C-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/22/2010    | VANADIUM      | 5.0           | Y           |               |              |           | 5.0                 | mg/kg | 5.4    | mg/kg |
| RY392-C      | 10FC-RY392-C-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/22/2010    | ZINC          | 6.0           | Y           |               |              |           | 6.0                 | mg/kg | 44.5   | mg/kg |
| RY392-C      | 10FC-RY392-C-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/22/2010    | CALCIUM       | 500           | Y           |               |              |           | 500                 | mg/kg | 967    | mg/kg |
| RY392-C      | 10FC-RY392-C-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/22/2010    | SELENIUM      | 3.5           | N           | U             |              | U         | 3.5                 | mg/kg | 3.6    | mg/kg |
| RY487-A      | 10FC-RY487-A-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/22/2010    | ALUMINUM      | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 4780   | mg/kg |
| RY487-A      | 10FC-RY487-A-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/22/2010    | IRON          | 10.0          | Y           |               |              |           | 10.0                | mg/kg | 4940   | mg/kg |
| RY487-A      | 10FC-RY487-A-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/22/2010    | LEAD          | 1.0           | Y           | J+            | J+           |           | 1.0                 | mg/kg | 4.1    | mg/kg |
| RY487-A      | 10FC-RY487-A-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/22/2010    | MAGNESIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 1650   | mg/kg |
| RY487-A      | 10FC-RY487-A-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/22/2010    | MANGANESE     | 1.5           | Y           |               |              |           | 1.5                 | mg/kg | 190    | mg/kg |
| RY487-A      | 10FC-RY487-A-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/22/2010    | NICKEL        | 4.0           | Y           | J             |              | J         | 4.0                 | mg/kg | 3.2    | mg/kg |
| RY487-A      | 10FC-RY487-A-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/22/2010    | POTASSIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 822    | mg/kg |
| RY487-A      | 10FC-RY487-A-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/22/2010    | SILVER        | 1.0           | Y           | J             |              | J         | 1.0                 | mg/kg | 0.27   | mg/kg |
| RY487-A      | 10FC-RY487-A-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/22/2010    | SODIUM        | 500           | Y           | UJ            | 500UJ        | J         | 500                 | mg/kg | 500    | mg/kg |
| RY487-A      | 10FC-RY487-A-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/22/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.9    | mg/kg |



Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY487-A      | 10FC-RY487-A-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/22/2010    | ANTIMONY      | 6.0                 | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 7      | mg/kg |
| RY487-A      | 10FC-RY487-A-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/22/2010    | ARSENIC       | 1.0                 | Y           | J             | J            |           | 1.0                 | mg/kg | 1.3    | mg/kg |
| RY487-A      | 10FC-RY487-A-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/22/2010    | BARIUM        | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 92.1   | mg/kg |
| RY487-A      | 10FC-RY487-A-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/22/2010    | BERYLLIUM     | 0.50                | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY487-A      | 10FC-RY487-A-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/22/2010    | CADMIUM       | 0.50                | Y           | J             |              | J         | 0.50                | mg/kg | 0.023  | mg/kg |
| RY487-A      | 10FC-RY487-A-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/22/2010    | CHROMIUM      | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 3.5    | mg/kg |
| RY487-A      | 10FC-RY487-A-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/22/2010    | COBALT        | 5.0                 | Y           | J             |              | J         | 5.0                 | mg/kg | 0.87   | mg/kg |
| RY487-A      | 10FC-RY487-A-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/22/2010    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 5.1    | mg/kg |
| RY487-A      | 10FC-RY487-A-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/22/2010    | VANADIUM      | 5.0                 | Y           | J             |              | J         | 5.0                 | mg/kg | 5.4    | mg/kg |
| RY487-A      | 10FC-RY487-A-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/22/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 17.8   | mg/kg |
| RY487-A      | 10FC-RY487-A-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/22/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 1330   | mg/kg |
| RY487-A      | 10FC-RY487-A-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/22/2010    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 4.1    | mg/kg |
| RY487-A      | 10FC-RY487-A-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/22/2010    | ALUMINUM      | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 6440   | mg/kg |
| RY487-A      | 10FC-RY487-A-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/22/2010    | IRON          | 10.0                | Y           |               |              |           | 10.0                | mg/kg | 6640   | mg/kg |
| RY487-A      | 10FC-RY487-A-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/22/2010    | LEAD          | 1.0                 | Y           | J+            | J+           |           | 1.0                 | mg/kg | 5.4    | mg/kg |
| RY487-A      | 10FC-RY487-A-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/22/2010    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2730   | mg/kg |
| RY487-A      | 10FC-RY487-A-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/22/2010    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 252    | mg/kg |
| RY487-A      | 10FC-RY487-A-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/22/2010    | NICKEL        | 4.0                 | Y           | J             |              | J         | 4.0                 | mg/kg | 4.4    | mg/kg |
| RY487-A      | 10FC-RY487-A-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/22/2010    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1070   | mg/kg |
| RY487-A      | 10FC-RY487-A-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/22/2010    | SILVER        | 1.0                 | Y           | J             |              | J         | 1.0                 | mg/kg | 0.35   | mg/kg |
| RY487-A      | 10FC-RY487-A-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/22/2010    | SODIUM        | 500                 | Y           | UJ            | 500UJ        | J         | 500                 | mg/kg | 500    | mg/kg |
| RY487-A      | 10FC-RY487-A-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/22/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.9    | mg/kg |
| RY487-A      | 10FC-RY487-A-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/22/2010    | ANTIMONY      | 6.0                 | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 7.1    | mg/kg |
| RY487-A      | 10FC-RY487-A-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/22/2010    | ARSENIC       | 1.0                 | Y           | J             | J            |           | 1.0                 | mg/kg | 1.7    | mg/kg |
| RY487-A      | 10FC-RY487-A-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/22/2010    | BARIUM        | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 107    | mg/kg |
| RY487-A      | 10FC-RY487-A-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/22/2010    | BERYLLIUM     | 0.50                | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY487-A      | 10FC-RY487-A-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/22/2010    | CADMIUM       | 0.50                | N           | U             |              | U         | 0.50                | mg/kg | 0.59   | mg/kg |
| RY487-A      | 10FC-RY487-A-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/22/2010    | CHROMIUM      | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 4.7    | mg/kg |
| RY487-A      | 10FC-RY487-A-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/22/2010    | COBALT        | 5.0                 | Y           | J             |              | J         | 5.0                 | mg/kg | 2.4    | mg/kg |
| RY487-A      | 10FC-RY487-A-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/22/2010    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 5.8    | mg/kg |
| RY487-A      | 10FC-RY487-A-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/22/2010    | VANADIUM      | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 6.5    | mg/kg |
| RY487-A      | 10FC-RY487-A-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/22/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 22.8   | mg/kg |
| RY487-A      | 10FC-RY487-A-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/22/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 2540   | mg/kg |
| RY487-A      | 10FC-RY487-A-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/22/2010    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 4.1    | mg/kg |
| RY487-A      | 10FC-RY487-A-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/22/2010    | ALUMINUM      | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 6430   | mg/kg |
| RY487-A      | 10FC-RY487-A-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/22/2010    | IRON          | 10.0                | Y           |               |              |           | 10.0                | mg/kg | 6320   | mg/kg |
| RY487-A      | 10FC-RY487-A-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/22/2010    | LEAD          | 1.0                 | Y           | J+            | J+           |           | 1.0                 | mg/kg | 3.6    | mg/kg |
| RY487-A      | 10FC-RY487-A-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/22/2010    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2180   | mg/kg |
| RY487-A      | 10FC-RY487-A-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/22/2010    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 227    | mg/kg |
| RY487-A      | 10FC-RY487-A-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/22/2010    | NICKEL        | 4.0                 | Y           |               |              |           | 4.0                 | mg/kg | 4.8    | mg/kg |
| RY487-A      | 10FC-RY487-A-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/22/2010    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1040   | mg/kg |
| RY487-A      | 10FC-RY487-A-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/22/2010    | SILVER        | 1.0                 | Y           | J             |              | J         | 1.0                 | mg/kg | 0.31   | mg/kg |
| RY487-A      | 10FC-RY487-A-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/22/2010    | SODIUM        | 500                 | Y           | UJ            | 500UJ        | J         | 500                 | mg/kg | 500    | mg/kg |
| RY487-A      | 10FC-RY487-A-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/22/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.9    | mg/kg |
| RY487-A      | 10FC-RY487-A-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/22/2010    | ANTIMONY      | 6.0                 | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 6.9    | mg/kg |
| RY487-A      | 10FC-RY487-A-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/22/2010    | ARSENIC       | 1.0                 | Y           | J             | J            |           | 1.0                 | mg/kg | 1.6    | mg/kg |
| RY487-A      | 10FC-RY487-A-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/22/2010    | BARIUM        | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 103    | mg/kg |
| RY487-A      | 10FC-RY487-A-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/22/2010    | BERYLLIUM     | 0.50                | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY487-A      | 10FC-RY487-A-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/22/2010    | CADMIUM       | 0.50                | N           | U             |              | U         | 0.50                | mg/kg | 0.58   | mg/kg |
| RY487-A      | 10FC-RY487-A-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/22/2010    | CHROMIUM      | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 4.7    | mg/kg |
| RY487-A      | 10FC-RY487-A-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/22/2010    | COBALT        | 5.0                 | Y           | J             |              | J         | 5.0                 | mg/kg | 2.2    | mg/kg |
| RY487-A      | 10FC-RY487-A-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/22/2010    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 6.1    | mg/kg |
| RY487-A      | 10FC-RY487-A-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/22/2010    | VANADIUM      | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 6.5    | mg/kg |
| RY487-A      | 10FC-RY487-A-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/22/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 18.6   | mg/kg |
| RY487-A      | 10FC-RY487-A-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/22/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 1180   | mg/kg |
| RY487-A      | 10FC-RY487-A-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/22/2010    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 4      | mg/kg |
| RY487-B      | 10FC-RY487-B-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/22/2010    | ALUMINUM      | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 4630   | mg/kg |
| RY487-B      | 10FC-RY487-B-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/22/2010    | IRON          | 10.0                | Y           |               |              |           | 10.0                | mg/kg | 5920   | mg/kg |
| RY487-B      | 10FC-RY487-B-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/22/2010    | LEAD          | 1.0                 | Y           | J+            | J+           |           | 1.0                 | mg/kg | 2.1    | mg/kg |
| RY487-B      | 10FC-RY487-B-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/22/2010    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3070   | mg/kg |
| RY487-B      | 10FC-RY487-B-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/22/2010    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 148    | mg/kg |
| RY487-B      | 10FC-RY487-B-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/22/2010    | NICKEL        | 4.0                 | Y           |               |              |           | 4.0                 | mg/kg | 4.6    | mg/kg |
| RY487-B      | 10FC-RY487-B-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/22/2010    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 866    | mg/kg |
| RY487-B      | 10FC-RY487-B-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/22/2010    | SILVER        | 1.0                 | Y           | J             |              | J         | 1.0                 | mg/kg | 0.32   | mg/kg |
| RY487-B      | 10FC-RY487-B-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/22/2010    | SODIUM        | 500                 | Y           | UJ            | 500UJ        | J         | 500                 | mg/kg | 500    | mg/kg |
| RY487-B      | 10FC-RY487-B-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/22/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.7    | mg/kg |
| RY487-B      | 10FC-RY487-B-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/22/2010    | ANTIMONY      | 6.0                 | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 6.5    | mg/kg |
| RY487-B      | 10FC-RY487-B-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/22/2010    | ARSENIC       | 1.0                 | Y           | J             | J            |           | 1.0                 | mg/kg | 1.8    | mg/kg |
| RY487-B      | 10FC-RY487-B-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/22/2010    | BARIUM        | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 63.2   | mg/kg |
| RY487-B      | 10FC-RY487-B-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/22/2010    | BERYLLIUM     | 0.50                | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY487-B      | 10FC-RY487-B-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/22/2010    | CADMIUM       | 0.50                | Y           | J             |              | J         | 0.50                | mg/kg | 0.019  | mg/kg |
| RY487-B      | 10FC-RY487-B-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/22/2010    | CHROMIUM      | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 4.4    | mg/kg |
| RY487-B      | 10FC-RY487-B-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/22/2010    | COBALT        | 5.0                 | Y           | J             |              | J         | 5.0                 | mg/kg | 1.4    | mg/kg |
| RY487-B      | 10FC-RY487-B-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/22/2010    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 6.4    | mg/kg |
| RY487-B      | 10FC-RY487-B-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/22/2010    | VANADIUM      | 5.0                 | Y           | J             |              | J         | 5.0                 | mg/kg | 5.2    | mg/kg |
| RY487-B      | 10FC-RY487-B-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/22/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 14.1   | mg/kg |
| RY487-B      | 10FC-RY487-B-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/22/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 6130   | mg/kg |
| RY487-B      | 10FC-RY487-B-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/22/2010    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.8    | mg/kg |
| RY487-B      | 10FC-RY487-B-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/22/2010    | ALUMINUM      | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 4980   | mg/kg |
| RY487-B      | 10FC-RY487-B-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/22/2010    | IRON          | 10.0                | Y           |               |              |           | 10.0                | mg/kg | 5690   | mg/kg |
| RY487-B      | 10FC-RY487-B-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/22/2010    | LEAD          | 1.0                 | Y           | J+            | J+           |           | 1.0                 | mg/kg | 2.4    | mg/kg |
| RY487-B      | 10FC-RY487-B-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/22/2010    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3170   | mg/kg |
| RY487-B      | 10FC-RY487-B-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/22/2010    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 152    | mg/kg |
| RY487-B      | 10FC-RY487-B-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/22/2010    | NICKEL        | 4.0                 | Y           |               |              |           | 4.0                 | mg/kg | 4.9    | mg/kg |
| RY487-B      | 10FC-RY487-B-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/22/2010    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 892    | mg/kg |
| RY487-B      | 10FC-RY487-B-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/22/2010    | SILVER        | 1.0                 | Y           | J             |              | J         | 1.0                 | mg/kg | 0.24   | mg/kg |
| RY487-B      | 10FC-RY487-B-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/22/2010    | SODIUM        | 500                 | Y           | UJ            | 500UJ        | J         | 500                 | mg/kg | 500    | mg/kg |
| RY487-B      | 10FC-RY487-B-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/22/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.8    | mg/kg |
| RY487-B      | 10FC-RY487-B-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/22/2010    | ANTIMONY      | 6.0                 | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 6.7    | mg/kg |
| RY487-B      | 10FC-RY487-B-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/22/2010    | ARSENIC       | 1.0                 | Y           | J             | J            |           | 1.0                 | mg/kg | 2.1    | mg/kg |
| RY487-B      | 10FC-RY487-B-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/22/2010    | BARIUM        | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 78.3   | mg/kg |
| RY487-B      | 10FC-RY487-B-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/22/2010    | BERYLLIUM     | 0.50                | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY487-B      | 10FC-RY487-B-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/22/2010    | CADMIUM       | 0.50                | N           | U             |              | U         | 0.50                | mg/kg | 0.55   | mg/kg |
| RY487-B      | 10FC-RY487-B-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/22/2010    | CHROMIUM      | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 4.8    | mg/kg |
| RY487-B      | 10FC-RY487-B-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/22/2010    | COBALT        | 5.0                 | Y           | J             |              | J         | 5.0                 | mg/kg | 1.3    | mg/kg |
| RY487-B      | 10FC-RY487-B-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/22/2010    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 6.9    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY487-B      | 10FC-RY487-B-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/22/2010    | VANADIUM      | 5.0                 | Y           | J             |              | J         | 5.0                 | mg/kg | 5.5    | mg/kg |
| RY487-B      | 10FC-RY487-B-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/22/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 22.3   | mg/kg |
| RY487-B      | 10FC-RY487-B-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/22/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 5710   | mg/kg |
| RY487-B      | 10FC-RY487-B-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/22/2010    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.9    | mg/kg |
| RY487-B      | 10FC-RY487-B-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | ALUMINUM      | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 9950   | mg/kg |
| RY487-B      | 10FC-RY487-B-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | IRON          | 10.0                | Y           |               |              |           | 10.0                | mg/kg | 12200  | mg/kg |
| RY487-B      | 10FC-RY487-B-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | LEAD          | 1.0                 | Y           | J+            | J+           |           | 1.0                 | mg/kg | 6.1    | mg/kg |
| RY487-B      | 10FC-RY487-B-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 7010   | mg/kg |
| RY487-B      | 10FC-RY487-B-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 527    | mg/kg |
| RY487-B      | 10FC-RY487-B-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | NICKEL        | 4.0                 | Y           |               |              |           | 4.0                 | mg/kg | 11.1   | mg/kg |
| RY487-B      | 10FC-RY487-B-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1970   | mg/kg |
| RY487-B      | 10FC-RY487-B-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | SILVER        | 1.0                 | Y           | J             |              | J         | 1.0                 | mg/kg | 0.37   | mg/kg |
| RY487-B      | 10FC-RY487-B-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | SODIUM        | 500                 | Y           | UJ            | 500UJ        | J         | 500                 | mg/kg | 500    | mg/kg |
| RY487-B      | 10FC-RY487-B-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.8    | mg/kg |
| RY487-B      | 10FC-RY487-B-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | ANTIMONY      | 6.0                 | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 6.7    | mg/kg |
| RY487-B      | 10FC-RY487-B-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | ARSENIC       | 1.0                 | Y           | J             | J            |           | 1.0                 | mg/kg | 3.7    | mg/kg |
| RY487-B      | 10FC-RY487-B-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | BARIUM        | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 161    | mg/kg |
| RY487-B      | 10FC-RY487-B-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | BERYLLIUM     | 0.50                | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY487-B      | 10FC-RY487-B-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | CADMIUM       | 0.50                | Y           | J             |              | J         | 0.50                | mg/kg | 0.066  | mg/kg |
| RY487-B      | 10FC-RY487-B-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | CHROMIUM      | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 9.2    | mg/kg |
| RY487-B      | 10FC-RY487-B-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | COBALT        | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 5.8    | mg/kg |
| RY487-B      | 10FC-RY487-B-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 12.9   | mg/kg |
| RY487-B      | 10FC-RY487-B-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | VANADIUM      | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 11.1   | mg/kg |
| RY487-B      | 10FC-RY487-B-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 26.9   | mg/kg |
| RY487-B      | 10FC-RY487-B-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 11200  | mg/kg |
| RY487-B      | 10FC-RY487-B-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.9    | mg/kg |
| RY487-C      | 10FC-RY487-C-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | ALUMINUM      | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 16400  | mg/kg |
| RY487-C      | 10FC-RY487-C-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | IRON          | 10.0                | Y           |               |              |           | 10.0                | mg/kg | 15500  | mg/kg |
| RY487-C      | 10FC-RY487-C-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | LEAD          | 1.0                 | Y           | J+            | J+           |           | 1.0                 | mg/kg | 10.2   | mg/kg |
| RY487-C      | 10FC-RY487-C-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 5440   | mg/kg |
| RY487-C      | 10FC-RY487-C-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | ANTIMONY      | 6.0                 | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 7.3    | mg/kg |
| RY487-C      | 10FC-RY487-C-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | ARSENIC       | 1.0                 | Y           | J             | J            |           | 1.0                 | mg/kg | 3.9    | mg/kg |
| RY487-C      | 10FC-RY487-C-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | BARIUM        | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 236    | mg/kg |
| RY487-C      | 10FC-RY487-C-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | BERYLLIUM     | 0.50                | Y           | J             |              | J         | 0.50                | mg/kg | 0.57   | mg/kg |
| RY487-C      | 10FC-RY487-C-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | CADMIUM       | 0.50                | Y           | J             |              | J         | 0.50                | mg/kg | 0.088  | mg/kg |
| RY487-C      | 10FC-RY487-C-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | CHROMIUM      | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 11.5   | mg/kg |
| RY487-C      | 10FC-RY487-C-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | COBALT        | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 7      | mg/kg |
| RY487-C      | 10FC-RY487-C-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 13.7   | mg/kg |
| RY487-C      | 10FC-RY487-C-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 3950   | mg/kg |
| RY487-C      | 10FC-RY487-C-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 426    | mg/kg |
| RY487-C      | 10FC-RY487-C-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | NICKEL        | 4.0                 | Y           |               |              |           | 4.0                 | mg/kg | 12.4   | mg/kg |
| RY487-C      | 10FC-RY487-C-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2480   | mg/kg |
| RY487-C      | 10FC-RY487-C-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | SILVER        | 1.0                 | Y           | J             |              | J         | 1.0                 | mg/kg | 0.55   | mg/kg |
| RY487-C      | 10FC-RY487-C-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | SODIUM        | 500                 | Y           | UJ            | 500UJ        | J         | 500                 | mg/kg | 500    | mg/kg |
| RY487-C      | 10FC-RY487-C-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 3      | mg/kg |
| RY487-C      | 10FC-RY487-C-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | VANADIUM      | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 16.3   | mg/kg |
| RY487-C      | 10FC-RY487-C-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 47.6   | mg/kg |
| RY487-C      | 10FC-RY487-C-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/25/2010    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 4.3    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code       | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-----------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                       |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY487-C      | 10FC-RY487-C-002006   | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | ALUMINUM      | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 16500  | mg/kg |
| RY487-C      | 10FC-RY487-C-002006   | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | IRON          | 10.0          | Y           |               |              |           | 10.0                | mg/kg | 15300  | mg/kg |
| RY487-C      | 10FC-RY487-C-002006   | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | LEAD          | 1.0           | Y           | J+            | J+           |           | 1.0                 | mg/kg | 10.3   | mg/kg |
| RY487-C      | 10FC-RY487-C-002006   | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | MAGNESIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 5390   | mg/kg |
| RY487-C      | 10FC-RY487-C-002006   | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | MANGANESE     | 1.5           | Y           |               |              |           | 1.5                 | mg/kg | 523    | mg/kg |
| RY487-C      | 10FC-RY487-C-002006   | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | NICKEL        | 4.0           | Y           |               |              |           | 4.0                 | mg/kg | 12.3   | mg/kg |
| RY487-C      | 10FC-RY487-C-002006   | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | POTASSIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 2480   | mg/kg |
| RY487-C      | 10FC-RY487-C-002006   | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | SILVER        | 1.0           | Y           | J             |              | J         | 1.0                 | mg/kg | 0.48   | mg/kg |
| RY487-C      | 10FC-RY487-C-002006   | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | SODIUM        | 500           | Y           | UJ            | 500UJ        | J         | 500                 | mg/kg | 500    | mg/kg |
| RY487-C      | 10FC-RY487-C-002006   | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 3.1    | mg/kg |
| RY487-C      | 10FC-RY487-C-002006   | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | ANTIMONY      | 6.0           | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 7.4    | mg/kg |
| RY487-C      | 10FC-RY487-C-002006   | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | ARSENIC       | 1.0           | Y           | J             | J            |           | 1.0                 | mg/kg | 3.5    | mg/kg |
| RY487-C      | 10FC-RY487-C-002006   | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | BARIUM        | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 229    | mg/kg |
| RY487-C      | 10FC-RY487-C-002006   | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | BERYLLIUM     | 0.50          | Y           | J             |              | J         | 0.50                | mg/kg | 0.57   | mg/kg |
| RY487-C      | 10FC-RY487-C-002006   | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | CADMIUM       | 0.50          | Y           | J             |              | J         | 0.50                | mg/kg | 0.076  | mg/kg |
| RY487-C      | 10FC-RY487-C-002006   | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | CHROMIUM      | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 11.4   | mg/kg |
| RY487-C      | 10FC-RY487-C-002006   | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | COBALT        | 5.0           | Y           |               |              |           | 5.0                 | mg/kg | 6.3    | mg/kg |
| RY487-C      | 10FC-RY487-C-002006   | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | COPPER        | 2.5           | Y           |               |              |           | 2.5                 | mg/kg | 13.7   | mg/kg |
| RY487-C      | 10FC-RY487-C-002006   | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | VANADIUM      | 5.0           | Y           |               |              |           | 5.0                 | mg/kg | 15.8   | mg/kg |
| RY487-C      | 10FC-RY487-C-002006   | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | ZINC          | 6.0           | Y           |               |              |           | 6.0                 | mg/kg | 46     | mg/kg |
| RY487-C      | 10FC-RY487-C-002006   | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | CALCIUM       | 500           | Y           |               |              |           | 500                 | mg/kg | 4420   | mg/kg |
| RY487-C      | 10FC-RY487-C-002006   | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | SELENIUM      | 3.5           | N           | U             |              | U         | 3.5                 | mg/kg | 4.3    | mg/kg |
| RY487-C      | 10FC-RY487-C-006012   | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | ALUMINUM      | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 16700  | mg/kg |
| RY487-C      | 10FC-RY487-C-006012   | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | IRON          | 10.0          | Y           |               |              |           | 10.0                | mg/kg | 15200  | mg/kg |
| RY487-C      | 10FC-RY487-C-006012   | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | LEAD          | 1.0           | Y           | J+            | J+           |           | 1.0                 | mg/kg | 9.4    | mg/kg |
| RY487-C      | 10FC-RY487-C-006012   | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | MAGNESIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 5070   | mg/kg |
| RY487-C      | 10FC-RY487-C-006012   | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | MANGANESE     | 1.5           | Y           | J             | J            |           | 1.5                 | mg/kg | 597    | mg/kg |
| RY487-C      | 10FC-RY487-C-006012   | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | NICKEL        | 4.0           | Y           |               |              |           | 4.0                 | mg/kg | 12.2   | mg/kg |
| RY487-C      | 10FC-RY487-C-006012   | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | POTASSIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 2540   | mg/kg |
| RY487-C      | 10FC-RY487-C-006012   | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | SILVER        | 1.0           | Y           | J             |              | J         | 1.0                 | mg/kg | 0.55   | mg/kg |
| RY487-C      | 10FC-RY487-C-006012   | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | SODIUM        | 500           | Y           | UJ            | 500UJ        | J         | 500                 | mg/kg | 500    | mg/kg |
| RY487-C      | 10FC-RY487-C-006012   | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 3      | mg/kg |
| RY487-C      | 10FC-RY487-C-006012   | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | ANTIMONY      | 6.0           | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 7.3    | mg/kg |
| RY487-C      | 10FC-RY487-C-006012   | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | ARSENIC       | 1.0           | Y           | J             | J            |           | 1.0                 | mg/kg | 3.6    | mg/kg |
| RY487-C      | 10FC-RY487-C-006012   | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | BARIUM        | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 217    | mg/kg |
| RY487-C      | 10FC-RY487-C-006012   | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | BERYLLIUM     | 0.50          | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY487-C      | 10FC-RY487-C-006012   | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | CADMIUM       | 0.50          | Y           | J             |              | J         | 0.50                | mg/kg | 0.089  | mg/kg |
| RY487-C      | 10FC-RY487-C-006012   | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | CHROMIUM      | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 11.2   | mg/kg |
| RY487-C      | 10FC-RY487-C-006012   | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | COBALT        | 5.0           | Y           |               |              |           | 5.0                 | mg/kg | 7.4    | mg/kg |
| RY487-C      | 10FC-RY487-C-006012   | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | COPPER        | 2.5           | Y           |               |              |           | 2.5                 | mg/kg | 13.8   | mg/kg |
| RY487-C      | 10FC-RY487-C-006012   | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | VANADIUM      | 5.0           | Y           |               |              |           | 5.0                 | mg/kg | 16     | mg/kg |
| RY487-C      | 10FC-RY487-C-006012   | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | ZINC          | 6.0           | Y           |               |              |           | 6.0                 | mg/kg | 51.4   | mg/kg |
| RY487-C      | 10FC-RY487-C-006012   | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | CALCIUM       | 500           | Y           | J             | J            |           | 500                 | mg/kg | 3210   | mg/kg |
| RY487-C      | 10FC-RY487-C-006012   | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | SELENIUM      | 3.5           | N           | U             |              | U         | 3.5                 | mg/kg | 4.2    | mg/kg |
| RY487-C      | 10FC-RY487-C-006012-D | 7/9/2010    | FD          | 6           | 12        | in         | C200.7          | 10/23/2010    | ALUMINUM      | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 16200  | mg/kg |
| RY487-C      | 10FC-RY487-C-006012-D | 7/9/2010    | FD          | 6           | 12        | in         | C200.7          | 10/23/2010    | IRON          | 10.0          | Y           |               |              |           | 10.0                | mg/kg | 15300  | mg/kg |
| RY487-C      | 10FC-RY487-C-006012-D | 7/9/2010    | FD          | 6           | 12        | in         | C200.7          | 10/23/2010    | LEAD          | 1.0           | Y           | J+            | J+           |           | 1.0                 | mg/kg | 9.8    | mg/kg |
| RY487-C      | 10FC-RY487-C-006012-D | 7/9/2010    | FD          | 6           | 12        | in         | C200.7          | 10/23/2010    | MAGNESIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 5590   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code       | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-----------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY487-C      | 10FC-RY487-C-006012-D | 7/9/2010    | FD          | 6           | 12        | in         | C200.7          | 10/23/2010    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 405    | mg/kg |
| RY487-C      | 10FC-RY487-C-006012-D | 7/9/2010    | FD          | 6           | 12        | in         | C200.7          | 10/23/2010    | NICKEL        | 4.0                 | Y           |               |              |           | 4.0                 | mg/kg | 12.1   | mg/kg |
| RY487-C      | 10FC-RY487-C-006012-D | 7/9/2010    | FD          | 6           | 12        | in         | C200.7          | 10/23/2010    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2440   | mg/kg |
| RY487-C      | 10FC-RY487-C-006012-D | 7/9/2010    | FD          | 6           | 12        | in         | C200.7          | 10/23/2010    | SILVER        | 1.0                 | Y           | J             |              | J         | 1.0                 | mg/kg | 0.49   | mg/kg |
| RY487-C      | 10FC-RY487-C-006012-D | 7/9/2010    | FD          | 6           | 12        | in         | C200.7          | 10/23/2010    | SODIUM        | 500                 | Y           | UJ            | 500UJ        | J         | 500                 | mg/kg | 500    | mg/kg |
| RY487-C      | 10FC-RY487-C-006012-D | 7/9/2010    | FD          | 6           | 12        | in         | C200.7          | 10/23/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 3      | mg/kg |
| RY487-C      | 10FC-RY487-C-006012-D | 7/9/2010    | FD          | 6           | 12        | in         | C200.7          | 10/23/2010    | ANTIMONY      | 6.0                 | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 7.3    | mg/kg |
| RY487-C      | 10FC-RY487-C-006012-D | 7/9/2010    | FD          | 6           | 12        | in         | C200.7          | 10/23/2010    | ARSENIC       | 1.0                 | Y           | J             | J            |           | 1.0                 | mg/kg | 3.9    | mg/kg |
| RY487-C      | 10FC-RY487-C-006012-D | 7/9/2010    | FD          | 6           | 12        | in         | C200.7          | 10/23/2010    | BARIUM        | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 193    | mg/kg |
| RY487-C      | 10FC-RY487-C-006012-D | 7/9/2010    | FD          | 6           | 12        | in         | C200.7          | 10/23/2010    | BERYLLIUM     | 0.50                | Y           | J             |              | J         | 0.50                | mg/kg | 0.55   | mg/kg |
| RY487-C      | 10FC-RY487-C-006012-D | 7/9/2010    | FD          | 6           | 12        | in         | C200.7          | 10/23/2010    | CADMIUM       | 0.50                | Y           | J             |              | J         | 0.50                | mg/kg | 0.048  | mg/kg |
| RY487-C      | 10FC-RY487-C-006012-D | 7/9/2010    | FD          | 6           | 12        | in         | C200.7          | 10/23/2010    | CHROMIUM      | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 11.5   | mg/kg |
| RY487-C      | 10FC-RY487-C-006012-D | 7/9/2010    | FD          | 6           | 12        | in         | C200.7          | 10/23/2010    | COBALT        | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 6.1    | mg/kg |
| RY487-C      | 10FC-RY487-C-006012-D | 7/9/2010    | FD          | 6           | 12        | in         | C200.7          | 10/23/2010    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 13.9   | mg/kg |
| RY487-C      | 10FC-RY487-C-006012-D | 7/9/2010    | FD          | 6           | 12        | in         | C200.7          | 10/23/2010    | VANADIUM      | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 15.8   | mg/kg |
| RY487-C      | 10FC-RY487-C-006012-D | 7/9/2010    | FD          | 6           | 12        | in         | C200.7          | 10/23/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 43.5   | mg/kg |
| RY487-C      | 10FC-RY487-C-006012-D | 7/9/2010    | FD          | 6           | 12        | in         | C200.7          | 10/23/2010    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 4670   | mg/kg |
| RY487-C      | 10FC-RY487-C-006012-D | 7/9/2010    | FD          | 6           | 12        | in         | C200.7          | 10/23/2010    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 4.2    | mg/kg |
| RY487-D      | 10FC-RY487-D-000002   | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | ALUMINUM      | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 7650   | mg/kg |
| RY487-D      | 10FC-RY487-D-000002   | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | IRON          | 10.0                | Y           |               |              |           | 10.0                | mg/kg | 11100  | mg/kg |
| RY487-D      | 10FC-RY487-D-000002   | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | LEAD          | 1.0                 | Y           | J+            | J+           |           | 1.0                 | mg/kg | 3.8    | mg/kg |
| RY487-D      | 10FC-RY487-D-000002   | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 7070   | mg/kg |
| RY487-D      | 10FC-RY487-D-000002   | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 301    | mg/kg |
| RY487-D      | 10FC-RY487-D-000002   | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | NICKEL        | 4.0                 | Y           |               |              |           | 4.0                 | mg/kg | 10.8   | mg/kg |
| RY487-D      | 10FC-RY487-D-000002   | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1190   | mg/kg |
| RY487-D      | 10FC-RY487-D-000002   | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | SILVER        | 1.0                 | Y           | J             |              | J         | 1.0                 | mg/kg | 0.36   | mg/kg |
| RY487-D      | 10FC-RY487-D-000002   | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | SODIUM        | 500                 | Y           | UJ            | 500UJ        | J         | 500                 | mg/kg | 500    | mg/kg |
| RY487-D      | 10FC-RY487-D-000002   | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY487-D      | 10FC-RY487-D-000002   | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | ANTIMONY      | 6.0                 | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 6.3    | mg/kg |
| RY487-D      | 10FC-RY487-D-000002   | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | ARSENIC       | 1.0                 | Y           | J             | J            |           | 1.0                 | mg/kg | 2.8    | mg/kg |
| RY487-D      | 10FC-RY487-D-000002   | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | BARIUM        | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 145    | mg/kg |
| RY487-D      | 10FC-RY487-D-000002   | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | BERYLLIUM     | 0.50                | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY487-D      | 10FC-RY487-D-000002   | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | CADMIUM       | 0.50                | Y           | J             |              | J         | 0.50                | mg/kg | 0.032  | mg/kg |
| RY487-D      | 10FC-RY487-D-000002   | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | CHROMIUM      | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 9.2    | mg/kg |
| RY487-D      | 10FC-RY487-D-000002   | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | COBALT        | 5.0                 | Y           | J             |              | J         | 5.0                 | mg/kg | 4.7    | mg/kg |
| RY487-D      | 10FC-RY487-D-000002   | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 13     | mg/kg |
| RY487-D      | 10FC-RY487-D-000002   | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | VANADIUM      | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 8.2    | mg/kg |
| RY487-D      | 10FC-RY487-D-000002   | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 21.5   | mg/kg |
| RY487-D      | 10FC-RY487-D-000002   | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 9840   | mg/kg |
| RY487-D      | 10FC-RY487-D-000002   | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.7    | mg/kg |
| RY487-D      | 10FC-RY487-D-002006   | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | ALUMINUM      | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 7180   | mg/kg |
| RY487-D      | 10FC-RY487-D-002006   | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | IRON          | 10.0                | Y           |               |              |           | 10.0                | mg/kg | 12100  | mg/kg |
| RY487-D      | 10FC-RY487-D-002006   | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | LEAD          | 1.0                 | Y           | J+            | J+           |           | 1.0                 | mg/kg | 4.7    | mg/kg |
| RY487-D      | 10FC-RY487-D-002006   | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 8280   | mg/kg |
| RY487-D      | 10FC-RY487-D-002006   | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 335    | mg/kg |
| RY487-D      | 10FC-RY487-D-002006   | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | NICKEL        | 4.0                 | Y           |               |              |           | 4.0                 | mg/kg | 10.7   | mg/kg |
| RY487-D      | 10FC-RY487-D-002006   | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1090   | mg/kg |
| RY487-D      | 10FC-RY487-D-002006   | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | SILVER        | 1.0                 | Y           | J             |              | J         | 1.0                 | mg/kg | 0.33   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY487-D      | 10FC-RY487-D-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | SODIUM        | 500           | Y           | UJ            | 500UJ        | J         | 500                 | mg/kg | 500    | mg/kg |
| RY487-D      | 10FC-RY487-D-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY487-D      | 10FC-RY487-D-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | ANTIMONY      | 6.0           | Y           | J             | J            | J         | 6.0                 | mg/kg | 0.44   | mg/kg |
| RY487-D      | 10FC-RY487-D-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | ARSENIC       | 1.0           | Y           | J             | J            |           | 1.0                 | mg/kg | 5.6    | mg/kg |
| RY487-D      | 10FC-RY487-D-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | BARIUM        | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 164    | mg/kg |
| RY487-D      | 10FC-RY487-D-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | BERYLLIUM     | 0.50          | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY487-D      | 10FC-RY487-D-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | CADMIUM       | 0.50          | Y           | J             |              | J         | 0.50                | mg/kg | 0.067  | mg/kg |
| RY487-D      | 10FC-RY487-D-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | CHROMIUM      | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 6.9    | mg/kg |
| RY487-D      | 10FC-RY487-D-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | COBALT        | 5.0           | Y           |               |              |           | 5.0                 | mg/kg | 5.6    | mg/kg |
| RY487-D      | 10FC-RY487-D-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | COPPER        | 2.5           | Y           |               |              |           | 2.5                 | mg/kg | 15.3   | mg/kg |
| RY487-D      | 10FC-RY487-D-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | VANADIUM      | 5.0           | Y           |               |              |           | 5.0                 | mg/kg | 7.2    | mg/kg |
| RY487-D      | 10FC-RY487-D-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | ZINC          | 6.0           | Y           |               |              |           | 6.0                 | mg/kg | 20.4   | mg/kg |
| RY487-D      | 10FC-RY487-D-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | CALCIUM       | 500           | Y           |               |              |           | 500                 | mg/kg | 23200  | mg/kg |
| RY487-D      | 10FC-RY487-D-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | SELENIUM      | 3.5           | N           | U             |              | U         | 3.5                 | mg/kg | 3.7    | mg/kg |
| RY487-D      | 10FC-RY487-D-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | ALUMINUM      | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 8510   | mg/kg |
| RY487-D      | 10FC-RY487-D-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | IRON          | 10.0          | Y           |               |              |           | 10.0                | mg/kg | 13400  | mg/kg |
| RY487-D      | 10FC-RY487-D-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | LEAD          | 1.0           | Y           | J+            | J+           |           | 1.0                 | mg/kg | 5.5    | mg/kg |
| RY487-D      | 10FC-RY487-D-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | MAGNESIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 7190   | mg/kg |
| RY487-D      | 10FC-RY487-D-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | MANGANESE     | 1.5           | Y           |               |              |           | 1.5                 | mg/kg | 530    | mg/kg |
| RY487-D      | 10FC-RY487-D-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | NICKEL        | 4.0           | Y           |               |              |           | 4.0                 | mg/kg | 12.5   | mg/kg |
| RY487-D      | 10FC-RY487-D-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | POTASSIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 1260   | mg/kg |
| RY487-D      | 10FC-RY487-D-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | SILVER        | 1.0           | Y           | J             |              | J         | 1.0                 | mg/kg | 0.38   | mg/kg |
| RY487-D      | 10FC-RY487-D-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | SODIUM        | 500           | Y           | UJ            | 500UJ        | J         | 500                 | mg/kg | 500    | mg/kg |
| RY487-D      | 10FC-RY487-D-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.7    | mg/kg |
| RY487-D      | 10FC-RY487-D-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | ANTIMONY      | 6.0           | Y           | J             | J            | J         | 6.0                 | mg/kg | 0.36   | mg/kg |
| RY487-D      | 10FC-RY487-D-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | ARSENIC       | 1.0           | Y           | J             | J            |           | 1.0                 | mg/kg | 6.1    | mg/kg |
| RY487-D      | 10FC-RY487-D-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | BARIUM        | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 157    | mg/kg |
| RY487-D      | 10FC-RY487-D-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | BERYLLIUM     | 0.50          | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY487-D      | 10FC-RY487-D-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | CADMIUM       | 0.50          | Y           | J             |              | J         | 0.50                | mg/kg | 0.052  | mg/kg |
| RY487-D      | 10FC-RY487-D-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | CHROMIUM      | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 7.7    | mg/kg |
| RY487-D      | 10FC-RY487-D-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | COBALT        | 5.0           | Y           |               |              |           | 5.0                 | mg/kg | 6.4    | mg/kg |
| RY487-D      | 10FC-RY487-D-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | COPPER        | 2.5           | Y           |               |              |           | 2.5                 | mg/kg | 14.2   | mg/kg |
| RY487-D      | 10FC-RY487-D-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | VANADIUM      | 5.0           | Y           |               |              |           | 5.0                 | mg/kg | 8.9    | mg/kg |
| RY487-D      | 10FC-RY487-D-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | ZINC          | 6.0           | Y           |               |              |           | 6.0                 | mg/kg | 26.8   | mg/kg |
| RY487-D      | 10FC-RY487-D-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | CALCIUM       | 500           | Y           |               |              |           | 500                 | mg/kg | 16300  | mg/kg |
| RY487-D      | 10FC-RY487-D-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | SELENIUM      | 3.5           | N           | U             |              | U         | 3.5                 | mg/kg | 3.7    | mg/kg |
| RY487-E      | 10FC-RY487-E-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | ALUMINUM      | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 7140   | mg/kg |
| RY487-E      | 10FC-RY487-E-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | IRON          | 10.0          | Y           |               |              |           | 10.0                | mg/kg | 9490   | mg/kg |
| RY487-E      | 10FC-RY487-E-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | LEAD          | 1.0           | Y           | J+            | J+           |           | 1.0                 | mg/kg | 5.1    | mg/kg |
| RY487-E      | 10FC-RY487-E-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | MAGNESIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 2720   | mg/kg |
| RY487-E      | 10FC-RY487-E-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | MANGANESE     | 1.5           | Y           |               |              |           | 1.5                 | mg/kg | 243    | mg/kg |
| RY487-E      | 10FC-RY487-E-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | NICKEL        | 4.0           | Y           |               |              |           | 4.0                 | mg/kg | 7.1    | mg/kg |
| RY487-E      | 10FC-RY487-E-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | POTASSIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 1330   | mg/kg |
| RY487-E      | 10FC-RY487-E-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | SILVER        | 1.0           | Y           | J             |              | J         | 1.0                 | mg/kg | 0.32   | mg/kg |
| RY487-E      | 10FC-RY487-E-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | SODIUM        | 500           | Y           | UJ            | 500UJ        | J         | 500                 | mg/kg | 500    | mg/kg |
| RY487-E      | 10FC-RY487-E-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.7    | mg/kg |
| RY487-E      | 10FC-RY487-E-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | ANTIMONY      | 6.0           | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 6.4    | mg/kg |
| RY487-E      | 10FC-RY487-E-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | ARSENIC       | 1.0           | Y           | J             | J            |           | 1.0                 | mg/kg | 2.9    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY487-E      | 10FC-RY487-E-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | BARIUM        | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 97.6   | mg/kg |
| RY487-E      | 10FC-RY487-E-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | BERYLLIUM     | 0.50                | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY487-E      | 10FC-RY487-E-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | CADMIUM       | 0.50                | Y           | J             |              | J         | 0.50                | mg/kg | 0.043  | mg/kg |
| RY487-E      | 10FC-RY487-E-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | CHROMIUM      | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 6.5    | mg/kg |
| RY487-E      | 10FC-RY487-E-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | COBALT        | 5.0                 | Y           | J             |              | J         | 5.0                 | mg/kg | 3.6    | mg/kg |
| RY487-E      | 10FC-RY487-E-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 8.3    | mg/kg |
| RY487-E      | 10FC-RY487-E-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | VANADIUM      | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 13.4   | mg/kg |
| RY487-E      | 10FC-RY487-E-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 27.1   | mg/kg |
| RY487-E      | 10FC-RY487-E-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 1090   | mg/kg |
| RY487-E      | 10FC-RY487-E-000002 | 7/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.7    | mg/kg |
| RY487-E      | 10FC-RY487-E-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | ALUMINUM      | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 11600  | mg/kg |
| RY487-E      | 10FC-RY487-E-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | IRON          | 10.0                | Y           |               |              |           | 10.0                | mg/kg | 11500  | mg/kg |
| RY487-E      | 10FC-RY487-E-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | LEAD          | 1.0                 | Y           | J+            | J+           |           | 1.0                 | mg/kg | 6.4    | mg/kg |
| RY487-E      | 10FC-RY487-E-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3220   | mg/kg |
| RY487-E      | 10FC-RY487-E-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 250    | mg/kg |
| RY487-E      | 10FC-RY487-E-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | NICKEL        | 4.0                 | Y           |               |              |           | 4.0                 | mg/kg | 8.2    | mg/kg |
| RY487-E      | 10FC-RY487-E-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1720   | mg/kg |
| RY487-E      | 10FC-RY487-E-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | SILVER        | 1.0                 | Y           | J             |              | J         | 1.0                 | mg/kg | 0.36   | mg/kg |
| RY487-E      | 10FC-RY487-E-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | SODIUM        | 500                 | Y           | UJ            | 500UJ        | J         | 500                 | mg/kg | 500    | mg/kg |
| RY487-E      | 10FC-RY487-E-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.8    | mg/kg |
| RY487-E      | 10FC-RY487-E-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | ANTIMONY      | 6.0                 | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 6.7    | mg/kg |
| RY487-E      | 10FC-RY487-E-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | ARSENIC       | 1.0                 | Y           | J             | J            |           | 1.0                 | mg/kg | 3      | mg/kg |
| RY487-E      | 10FC-RY487-E-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | BARIUM        | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 149    | mg/kg |
| RY487-E      | 10FC-RY487-E-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | BERYLLIUM     | 0.50                | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY487-E      | 10FC-RY487-E-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | CADMIUM       | 0.50                | Y           | J             |              | J         | 0.50                | mg/kg | 0.038  | mg/kg |
| RY487-E      | 10FC-RY487-E-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | CHROMIUM      | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 7.9    | mg/kg |
| RY487-E      | 10FC-RY487-E-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | COBALT        | 5.0                 | Y           | J             |              | J         | 5.0                 | mg/kg | 4.1    | mg/kg |
| RY487-E      | 10FC-RY487-E-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 9.6    | mg/kg |
| RY487-E      | 10FC-RY487-E-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | VANADIUM      | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 13.9   | mg/kg |
| RY487-E      | 10FC-RY487-E-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 31.2   | mg/kg |
| RY487-E      | 10FC-RY487-E-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 1340   | mg/kg |
| RY487-E      | 10FC-RY487-E-002006 | 7/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.9    | mg/kg |
| RY487-E      | 10FC-RY487-E-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | ALUMINUM      | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 11100  | mg/kg |
| RY487-E      | 10FC-RY487-E-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | IRON          | 10.0                | Y           |               |              |           | 10.0                | mg/kg | 11400  | mg/kg |
| RY487-E      | 10FC-RY487-E-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | LEAD          | 1.0                 | Y           | J+            | J+           |           | 1.0                 | mg/kg | 6.3    | mg/kg |
| RY487-E      | 10FC-RY487-E-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3310   | mg/kg |
| RY487-E      | 10FC-RY487-E-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 271    | mg/kg |
| RY487-E      | 10FC-RY487-E-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | NICKEL        | 4.0                 | Y           |               |              |           | 4.0                 | mg/kg | 8.3    | mg/kg |
| RY487-E      | 10FC-RY487-E-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1680   | mg/kg |
| RY487-E      | 10FC-RY487-E-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | SILVER        | 1.0                 | Y           | J             |              | J         | 1.0                 | mg/kg | 0.39   | mg/kg |
| RY487-E      | 10FC-RY487-E-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | SODIUM        | 500                 | Y           | UJ            | 500UJ        | J         | 500                 | mg/kg | 500    | mg/kg |
| RY487-E      | 10FC-RY487-E-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.8    | mg/kg |
| RY487-E      | 10FC-RY487-E-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | ANTIMONY      | 6.0                 | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 6.6    | mg/kg |
| RY487-E      | 10FC-RY487-E-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | ARSENIC       | 1.0                 | Y           | J             | J            |           | 1.0                 | mg/kg | 3      | mg/kg |
| RY487-E      | 10FC-RY487-E-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | BARIUM        | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 144    | mg/kg |
| RY487-E      | 10FC-RY487-E-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | BERYLLIUM     | 0.50                | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY487-E      | 10FC-RY487-E-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | CADMIUM       | 0.50                | Y           | J             |              | J         | 0.50                | mg/kg | 0.045  | mg/kg |
| RY487-E      | 10FC-RY487-E-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | CHROMIUM      | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 8      | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY487-E      | 10FC-RY487-E-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | COBALT        | 5.0           | Y           | J             |              | J         | 5.0                 | mg/kg | 4.6    | mg/kg |
| RY487-E      | 10FC-RY487-E-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | COPPER        | 2.5           | Y           |               |              |           | 2.5                 | mg/kg | 9.8    | mg/kg |
| RY487-E      | 10FC-RY487-E-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | VANADIUM      | 5.0           | Y           |               |              |           | 5.0                 | mg/kg | 13.8   | mg/kg |
| RY487-E      | 10FC-RY487-E-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | ZINC          | 6.0           | Y           |               |              |           | 6.0                 | mg/kg | 29.8   | mg/kg |
| RY487-E      | 10FC-RY487-E-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | CALCIUM       | 500           | Y           |               |              |           | 500                 | mg/kg | 1310   | mg/kg |
| RY487-E      | 10FC-RY487-E-006012 | 7/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | SELENIUM      | 3.5           | N           | U             |              | U         | 3.5                 | mg/kg | 3.9    | mg/kg |
| RY594-A      | 10FC-RY594-A-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ALUMINUM      | 21.5          | Y           |               |              |           | 21.5                | mg/kg | 12700  | mg/kg |
| RY594-A      | 10FC-RY594-A-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | IRON          | 10.7          | Y           |               |              |           | 10.7                | mg/kg | 13200  | mg/kg |
| RY594-A      | 10FC-RY594-A-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | LEAD          | 1.1           | Y           | J             | J            |           | 1.1                 | mg/kg | 10.3   | mg/kg |
| RY594-A      | 10FC-RY594-A-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 536           | Y           |               |              |           | 536                 | mg/kg | 3450   | mg/kg |
| RY594-A      | 10FC-RY594-A-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | MANGANESE     | 1.6           | Y           |               |              |           | 1.6                 | mg/kg | 511    | mg/kg |
| RY594-A      | 10FC-RY594-A-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | NICKEL        | 4.3           | Y           |               |              |           | 4.3                 | mg/kg | 8.8    | mg/kg |
| RY594-A      | 10FC-RY594-A-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | POTASSIUM     | 536           | Y           |               |              |           | 536                 | mg/kg | 1620   | mg/kg |
| RY594-A      | 10FC-RY594-A-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SILVER        | 1.1           | N           | UJ            | UJ           | U         | 1.1                 | mg/kg | 1.1    | mg/kg |
| RY594-A      | 10FC-RY594-A-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SODIUM        | 536           | Y           | J             |              | J         | 536                 | mg/kg | 230    | mg/kg |
| RY594-A      | 10FC-RY594-A-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | THALLIUM      | 2.7           | N           | UJ            |              | U         | 2.7                 | mg/kg | 2.7    | mg/kg |
| RY594-A      | 10FC-RY594-A-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ANTIMONY      | 6.4           | Y           | J             |              | J         | 6.4                 | mg/kg | 0.44   | mg/kg |
| RY594-A      | 10FC-RY594-A-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ARSENIC       | 1.1           | Y           |               |              |           | 1.1                 | mg/kg | 4.8    | mg/kg |
| RY594-A      | 10FC-RY594-A-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | BARIUM        | 21.5          | Y           |               |              |           | 21.5                | mg/kg | 182    | mg/kg |
| RY594-A      | 10FC-RY594-A-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.54          | Y           | J             |              | J         | 0.54                | mg/kg | 0.53   | mg/kg |
| RY594-A      | 10FC-RY594-A-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.54          | Y           | J             |              | J         | 0.54                | mg/kg | 0.03   | mg/kg |
| RY594-A      | 10FC-RY594-A-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CHROMIUM      | 1.1           | Y           | J             | J            |           | 1.1                 | mg/kg | 6.9    | mg/kg |
| RY594-A      | 10FC-RY594-A-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | COBALT        | 5.4           | Y           |               |              |           | 5.4                 | mg/kg | 6.5    | mg/kg |
| RY594-A      | 10FC-RY594-A-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | COPPER        | 2.7           | Y           |               |              |           | 2.7                 | mg/kg | 10.1   | mg/kg |
| RY594-A      | 10FC-RY594-A-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | VANADIUM      | 5.4           | Y           |               |              |           | 5.4                 | mg/kg | 15.7   | mg/kg |
| RY594-A      | 10FC-RY594-A-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ZINC          | 6.4           | Y           |               |              |           | 6.4                 | mg/kg | 29.1   | mg/kg |
| RY594-A      | 10FC-RY594-A-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CALCIUM       | 536           | Y           |               |              |           | 536                 | mg/kg | 3610   | mg/kg |
| RY594-A      | 10FC-RY594-A-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SELENIUM      | 3.8           | Y           | J             |              | J         | 3.8                 | mg/kg | 2.4    | mg/kg |
| RY594-A      | 10FC-RY594-A-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ALUMINUM      | 12.9          | Y           |               |              |           | 12.9                | mg/kg | 12900  | mg/kg |
| RY594-A      | 10FC-RY594-A-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | IRON          | 6.4           | Y           |               |              |           | 6.4                 | mg/kg | 12900  | mg/kg |
| RY594-A      | 10FC-RY594-A-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | LEAD          | 0.64          | Y           | J             | J            |           | 0.64                | mg/kg | 9.7    | mg/kg |
| RY594-A      | 10FC-RY594-A-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 322           | Y           |               |              |           | 322                 | mg/kg | 3110   | mg/kg |
| RY594-A      | 10FC-RY594-A-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | MANGANESE     | 0.97          | Y           |               |              |           | 0.97                | mg/kg | 479    | mg/kg |
| RY594-A      | 10FC-RY594-A-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | NICKEL        | 2.6           | Y           |               |              |           | 2.6                 | mg/kg | 9.5    | mg/kg |
| RY594-A      | 10FC-RY594-A-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | POTASSIUM     | 322           | Y           |               |              |           | 322                 | mg/kg | 1480   | mg/kg |
| RY594-A      | 10FC-RY594-A-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SILVER        | 0.64          | N           | UJ            | UJ           | U         | 0.64                | mg/kg | 0.64   | mg/kg |
| RY594-A      | 10FC-RY594-A-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SODIUM        | 322           | Y           | J             |              | J         | 322                 | mg/kg | 174    | mg/kg |
| RY594-A      | 10FC-RY594-A-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.6           | N           | U             |              | U         | 1.6                 | mg/kg | 1.6    | mg/kg |
| RY594-A      | 10FC-RY594-A-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ANTIMONY      | 3.9           | Y           | J             |              | J         | 3.9                 | mg/kg | 0.49   | mg/kg |
| RY594-A      | 10FC-RY594-A-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.64          | Y           |               |              |           | 0.64                | mg/kg | 4.6    | mg/kg |
| RY594-A      | 10FC-RY594-A-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | BARIUM        | 12.9          | Y           |               |              |           | 12.9                | mg/kg | 181    | mg/kg |
| RY594-A      | 10FC-RY594-A-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.32          | Y           |               |              |           | 0.32                | mg/kg | 0.51   | mg/kg |
| RY594-A      | 10FC-RY594-A-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.32          | Y           | J             |              | J         | 0.32                | mg/kg | 0.05   | mg/kg |
| RY594-A      | 10FC-RY594-A-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.64          | Y           | J             | J            |           | 0.64                | mg/kg | 6.7    | mg/kg |
| RY594-A      | 10FC-RY594-A-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | COBALT        | 3.2           | Y           |               |              |           | 3.2                 | mg/kg | 7      | mg/kg |
| RY594-A      | 10FC-RY594-A-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | COPPER        | 1.6           | Y           |               |              |           | 1.6                 | mg/kg | 10.9   | mg/kg |
| RY594-A      | 10FC-RY594-A-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | VANADIUM      | 3.2           | Y           |               |              |           | 3.2                 | mg/kg | 15.6   | mg/kg |
| RY594-A      | 10FC-RY594-A-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ZINC          | 3.9           | Y           |               |              |           | 3.9                 | mg/kg | 27.4   | mg/kg |



## Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY594-D      | 10FC-RY594-D-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CALCIUM       | 336           | Y           |               |              |           | 336           | mg/kg | 1510   | mg/kg |
| RY594-D      | 10FC-RY594-D-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.4           | Y           | J             |              | J         | 2.4           | mg/kg | 1.5    | mg/kg |
| RY594-D      | 10FC-RY594-D-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ALUMINUM      | 12.3          | Y           |               |              |           | 12.3          | mg/kg | 6320   | mg/kg |
| RY594-D      | 10FC-RY594-D-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | IRON          | 6.1           | Y           |               |              |           | 6.1           | mg/kg | 8010   | mg/kg |
| RY594-D      | 10FC-RY594-D-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | LEAD          | 0.61          | Y           | J             | J            |           | 0.61          | mg/kg | 7      | mg/kg |
| RY594-D      | 10FC-RY594-D-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 307           | Y           |               |              |           | 307           | mg/kg | 3760   | mg/kg |
| RY594-D      | 10FC-RY594-D-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | MANGANESE     | 0.92          | Y           |               |              |           | 0.92          | mg/kg | 278    | mg/kg |
| RY594-D      | 10FC-RY594-D-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | NICKEL        | 2.5           | Y           |               |              |           | 2.5           | mg/kg | 6.2    | mg/kg |
| RY594-D      | 10FC-RY594-D-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | POTASSIUM     | 307           | Y           |               |              |           | 307           | mg/kg | 549    | mg/kg |
| RY594-D      | 10FC-RY594-D-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SILVER        | 0.61          | N           | UJ            | UJ           | U         | 0.61          | mg/kg | 0.61   | mg/kg |
| RY594-D      | 10FC-RY594-D-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SODIUM        | 307           | Y           | J             |              | J         | 307           | mg/kg | 93.3   | mg/kg |
| RY594-D      | 10FC-RY594-D-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.5           | N           | U             |              | U         | 1.5           | mg/kg | 1.5    | mg/kg |
| RY594-D      | 10FC-RY594-D-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ANTIMONY      | 3.7           | Y           | J             |              | J         | 3.7           | mg/kg | 0.33   | mg/kg |
| RY594-D      | 10FC-RY594-D-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.61          | Y           |               |              |           | 0.61          | mg/kg | 2.2    | mg/kg |
| RY594-D      | 10FC-RY594-D-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | BARIUM        | 12.3          | Y           |               |              |           | 12.3          | mg/kg | 142    | mg/kg |
| RY594-D      | 10FC-RY594-D-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.31          | Y           |               |              |           | 0.31          | mg/kg | 0.33   | mg/kg |
| RY594-D      | 10FC-RY594-D-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.31          | N           | U             |              | U         | 0.31          | mg/kg | 0.31   | mg/kg |
| RY594-D      | 10FC-RY594-D-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.61          | Y           | J             | J            |           | 0.61          | mg/kg | 4.6    | mg/kg |
| RY594-D      | 10FC-RY594-D-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | COBALT        | 3.1           | Y           |               |              |           | 3.1           | mg/kg | 5.1    | mg/kg |
| RY594-D      | 10FC-RY594-D-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | COPPER        | 1.5           | Y           |               |              |           | 1.5           | mg/kg | 14.6   | mg/kg |
| RY594-D      | 10FC-RY594-D-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | VANADIUM      | 3.1           | Y           |               |              |           | 3.1           | mg/kg | 5.5    | mg/kg |
| RY594-D      | 10FC-RY594-D-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ZINC          | 3.7           | Y           |               |              |           | 3.7           | mg/kg | 21.9   | mg/kg |
| RY594-D      | 10FC-RY594-D-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CALCIUM       | 307           | Y           |               |              |           | 307           | mg/kg | 1600   | mg/kg |
| RY594-D      | 10FC-RY594-D-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.1           | Y           | J             |              | J         | 2.1           | mg/kg | 1.2    | mg/kg |
| RY523-A      | 10FC-RY523-A-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ALUMINUM      | 22.3          | Y           |               |              |           | 22.3          | mg/kg | 6390   | mg/kg |
| RY523-A      | 10FC-RY523-A-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | IRON          | 11.2          | Y           |               |              |           | 11.2          | mg/kg | 9630   | mg/kg |
| RY523-A      | 10FC-RY523-A-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | LEAD          | 1.1           | Y           | J             | J            |           | 1.1           | mg/kg | 157    | mg/kg |
| RY523-A      | 10FC-RY523-A-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 559           | Y           |               |              |           | 559           | mg/kg | 2310   | mg/kg |
| RY523-A      | 10FC-RY523-A-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | MANGANESE     | 1.7           | Y           | J             | J            |           | 1.7           | mg/kg | 303    | mg/kg |
| RY523-A      | 10FC-RY523-A-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | NICKEL        | 4.5           | Y           |               |              |           | 4.5           | mg/kg | 6      | mg/kg |
| RY523-A      | 10FC-RY523-A-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | POTASSIUM     | 559           | Y           | J             | J            |           | 559           | mg/kg | 951    | mg/kg |
| RY523-A      | 10FC-RY523-A-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SILVER        | 1.1           | Y           | J             |              | J         | 1.1           | mg/kg | 0.45   | mg/kg |
| RY523-A      | 10FC-RY523-A-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SODIUM        | 559           | Y           | J             |              | J         | 559           | mg/kg | 291    | mg/kg |
| RY523-A      | 10FC-RY523-A-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | THALLIUM      | 2.8           | N           | U             |              | U         | 2.8           | mg/kg | 2.8    | mg/kg |
| RY523-A      | 10FC-RY523-A-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ANTIMONY      | 6.7           | Y           | J             | J            |           | 6.7           | mg/kg | 15.6   | mg/kg |
| RY523-A      | 10FC-RY523-A-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ARSENIC       | 1.1           | Y           |               |              |           | 1.1           | mg/kg | 22.2   | mg/kg |
| RY523-A      | 10FC-RY523-A-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | BARIUM        | 22.3          | Y           |               |              |           | 22.3          | mg/kg | 113    | mg/kg |
| RY523-A      | 10FC-RY523-A-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.56          | Y           | J             |              | J         | 0.56          | mg/kg | 0.36   | mg/kg |
| RY523-A      | 10FC-RY523-A-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.56          | Y           |               |              |           | 0.56          | mg/kg | 0.61   | mg/kg |
| RY523-A      | 10FC-RY523-A-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CHROMIUM      | 1.1           | Y           |               |              |           | 1.1           | mg/kg | 10.1   | mg/kg |
| RY523-A      | 10FC-RY523-A-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | COBALT        | 5.6           | Y           | J             |              | J         | 5.6           | mg/kg | 4.3    | mg/kg |
| RY523-A      | 10FC-RY523-A-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | COPPER        | 2.8           | Y           |               |              |           | 2.8           | mg/kg | 11     | mg/kg |
| RY523-A      | 10FC-RY523-A-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | VANADIUM      | 5.6           | Y           |               |              |           | 5.6           | mg/kg | 12.3   | mg/kg |
| RY523-A      | 10FC-RY523-A-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ZINC          | 6.7           | Y           | J             | J            |           | 6.7           | mg/kg | 117    | mg/kg |
| RY523-A      | 10FC-RY523-A-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CALCIUM       | 559           | Y           |               |              |           | 559           | mg/kg | 2350   | mg/kg |
| RY523-A      | 10FC-RY523-A-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SELENIUM      | 3.9           | Y           | J             |              | J         | 3.9           | mg/kg | 1.7    | mg/kg |
| RY523-B      | 10FC-RY523-B-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ALUMINUM      | 13.2          | Y           |               |              |           | 13.2          | mg/kg | 6660   | mg/kg |
| RY523-B      | 10FC-RY523-B-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | IRON          | 6.6           | Y           |               |              |           | 6.6           | mg/kg | 9280   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY523-B      | 10FC-RY523-B-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | LEAD          | 0.66          | Y           | J             | J            |           | 0.66          | mg/kg | 134    | mg/kg |
| RY523-B      | 10FC-RY523-B-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 329           | Y           |               |              |           | 329           | mg/kg | 2250   | mg/kg |
| RY523-B      | 10FC-RY523-B-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | MANGANESE     | 0.99          | Y           | J             | J            |           | 0.99          | mg/kg | 341    | mg/kg |
| RY523-B      | 10FC-RY523-B-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | NICKEL        | 2.6           | Y           |               |              |           | 2.6           | mg/kg | 5.7    | mg/kg |
| RY523-B      | 10FC-RY523-B-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | POTASSIUM     | 329           | Y           | J             | J            |           | 329           | mg/kg | 813    | mg/kg |
| RY523-B      | 10FC-RY523-B-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SILVER        | 0.66          | Y           | J             |              | J         | 0.66          | mg/kg | 0.22   | mg/kg |
| RY523-B      | 10FC-RY523-B-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SODIUM        | 329           | Y           | J             |              | J         | 329           | mg/kg | 160    | mg/kg |
| RY523-B      | 10FC-RY523-B-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.6           | N           | U             |              | U         | 1.6           | mg/kg | 1.6    | mg/kg |
| RY523-B      | 10FC-RY523-B-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ANTIMONY      | 3.9           | Y           | J             | J            |           | 3.9           | mg/kg | 9.6    | mg/kg |
| RY523-B      | 10FC-RY523-B-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.66          | Y           |               |              |           | 0.66          | mg/kg | 18.9   | mg/kg |
| RY523-B      | 10FC-RY523-B-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | BARIUM        | 13.2          | Y           |               |              |           | 13.2          | mg/kg | 118    | mg/kg |
| RY523-B      | 10FC-RY523-B-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.33          | Y           |               |              |           | 0.33          | mg/kg | 0.35   | mg/kg |
| RY523-B      | 10FC-RY523-B-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.33          | Y           |               |              |           | 0.33          | mg/kg | 0.67   | mg/kg |
| RY523-B      | 10FC-RY523-B-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.66          | Y           |               |              |           | 0.66          | mg/kg | 7.5    | mg/kg |
| RY523-B      | 10FC-RY523-B-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | COBALT        | 3.3           | Y           |               |              |           | 3.3           | mg/kg | 3.9    | mg/kg |
| RY523-B      | 10FC-RY523-B-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | COPPER        | 1.6           | Y           |               |              |           | 1.6           | mg/kg | 11.7   | mg/kg |
| RY523-B      | 10FC-RY523-B-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | VANADIUM      | 3.3           | Y           |               |              |           | 3.3           | mg/kg | 12.3   | mg/kg |
| RY523-B      | 10FC-RY523-B-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ZINC          | 3.9           | Y           | J             | J            |           | 3.9           | mg/kg | 135    | mg/kg |
| RY523-B      | 10FC-RY523-B-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CALCIUM       | 329           | Y           |               |              |           | 329           | mg/kg | 2220   | mg/kg |
| RY523-B      | 10FC-RY523-B-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.3           | Y           | J             |              | J         | 2.3           | mg/kg | 1.5    | mg/kg |
| RY523-B      | 10FC-RY523-B-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ALUMINUM      | 13.8          | Y           |               |              |           | 13.8          | mg/kg | 7280   | mg/kg |
| RY523-B      | 10FC-RY523-B-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | IRON          | 6.9           | Y           |               |              |           | 6.9           | mg/kg | 10300  | mg/kg |
| RY523-B      | 10FC-RY523-B-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | LEAD          | 0.69          | Y           | J             | J            |           | 0.69          | mg/kg | 129    | mg/kg |
| RY523-B      | 10FC-RY523-B-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 346           | Y           |               |              |           | 346           | mg/kg | 2480   | mg/kg |
| RY523-B      | 10FC-RY523-B-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | MANGANESE     | 1.0           | Y           | J             | J            |           | 1.0           | mg/kg | 394    | mg/kg |
| RY523-B      | 10FC-RY523-B-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | NICKEL        | 2.8           | Y           |               |              |           | 2.8           | mg/kg | 6.1    | mg/kg |
| RY523-B      | 10FC-RY523-B-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | POTASSIUM     | 346           | Y           | J             | J            |           | 346           | mg/kg | 891    | mg/kg |
| RY523-B      | 10FC-RY523-B-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SILVER        | 0.69          | N           | U             |              | U         | 0.69          | mg/kg | 0.69   | mg/kg |
| RY523-B      | 10FC-RY523-B-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SODIUM        | 346           | Y           | J             |              | J         | 346           | mg/kg | 187    | mg/kg |
| RY523-B      | 10FC-RY523-B-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.7           | N           | U             |              | U         | 1.7           | mg/kg | 1.7    | mg/kg |
| RY523-B      | 10FC-RY523-B-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ANTIMONY      | 4.2           | Y           | J             | J            |           | 4.2           | mg/kg | 24.5   | mg/kg |
| RY523-B      | 10FC-RY523-B-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.69          | Y           |               |              |           | 0.69          | mg/kg | 13.7   | mg/kg |
| RY523-B      | 10FC-RY523-B-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | BARIUM        | 13.8          | Y           |               |              |           | 13.8          | mg/kg | 139    | mg/kg |
| RY523-B      | 10FC-RY523-B-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.35          | Y           |               |              |           | 0.35          | mg/kg | 0.39   | mg/kg |
| RY523-B      | 10FC-RY523-B-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.35          | Y           |               |              |           | 0.35          | mg/kg | 0.62   | mg/kg |
| RY523-B      | 10FC-RY523-B-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.69          | Y           |               |              |           | 0.69          | mg/kg | 8.9    | mg/kg |
| RY523-B      | 10FC-RY523-B-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | COBALT        | 3.5           | Y           |               |              |           | 3.5           | mg/kg | 4.2    | mg/kg |
| RY523-B      | 10FC-RY523-B-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | COPPER        | 1.7           | Y           |               |              |           | 1.7           | mg/kg | 12.3   | mg/kg |
| RY523-B      | 10FC-RY523-B-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | VANADIUM      | 3.5           | Y           |               |              |           | 3.5           | mg/kg | 13.8   | mg/kg |
| RY523-B      | 10FC-RY523-B-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ZINC          | 4.2           | Y           | J             | J            |           | 4.2           | mg/kg | 125    | mg/kg |
| RY523-B      | 10FC-RY523-B-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CALCIUM       | 346           | Y           |               |              |           | 346           | mg/kg | 2620   | mg/kg |
| RY523-B      | 10FC-RY523-B-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.4           | Y           | J             |              | J         | 2.4           | mg/kg | 1.6    | mg/kg |
| RY523-B      | 10FC-RY523-B-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ALUMINUM      | 12.9          | Y           |               |              |           | 12.9          | mg/kg | 7230   | mg/kg |
| RY523-B      | 10FC-RY523-B-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | IRON          | 6.5           | Y           |               |              |           | 6.5           | mg/kg | 9700   | mg/kg |
| RY523-B      | 10FC-RY523-B-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | LEAD          | 0.65          | Y           | J             | J            |           | 0.65          | mg/kg | 80.5   | mg/kg |
| RY523-B      | 10FC-RY523-B-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 323           | Y           |               |              |           | 323           | mg/kg | 2360   | mg/kg |
| RY523-B      | 10FC-RY523-B-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | MANGANESE     | 0.97          | Y           | J             | J            |           | 0.97          | mg/kg | 320    | mg/kg |
| RY523-B      | 10FC-RY523-B-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | NICKEL        | 2.6           | Y           |               |              |           | 2.6           | mg/kg | 6.1    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY523-B      | 10FC-RY523-B-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | POTASSIUM     | 323           | Y           | J             | J            |           | 323           | mg/kg | 913    | mg/kg |
| RY523-B      | 10FC-RY523-B-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SILVER        | 0.65          | N           | U             |              | U         | 0.65          | mg/kg | 0.65   | mg/kg |
| RY523-B      | 10FC-RY523-B-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SODIUM        | 323           | Y           | J             |              | J         | 323           | mg/kg | 164    | mg/kg |
| RY523-B      | 10FC-RY523-B-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.6           | N           | U             |              | U         | 1.6           | mg/kg | 1.6    | mg/kg |
| RY523-B      | 10FC-RY523-B-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ANTIMONY      | 3.9           | Y           | J             | J            |           | 3.9           | mg/kg | 6      | mg/kg |
| RY523-B      | 10FC-RY523-B-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.65          | Y           |               |              |           | 0.65          | mg/kg | 12.5   | mg/kg |
| RY523-B      | 10FC-RY523-B-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | BARIIUM       | 12.9          | Y           |               |              |           | 12.9          | mg/kg | 134    | mg/kg |
| RY523-B      | 10FC-RY523-B-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.32          | Y           |               |              |           | 0.32          | mg/kg | 0.38   | mg/kg |
| RY523-B      | 10FC-RY523-B-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.32          | Y           |               |              |           | 0.32          | mg/kg | 0.49   | mg/kg |
| RY523-B      | 10FC-RY523-B-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.65          | Y           |               |              |           | 0.65          | mg/kg | 8.4    | mg/kg |
| RY523-B      | 10FC-RY523-B-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | COBALT        | 3.2           | Y           |               |              |           | 3.2           | mg/kg | 4.1    | mg/kg |
| RY523-B      | 10FC-RY523-B-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | COPPER        | 1.6           | Y           |               |              |           | 1.6           | mg/kg | 13.8   | mg/kg |
| RY523-B      | 10FC-RY523-B-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | VANADIUM      | 3.2           | Y           |               |              |           | 3.2           | mg/kg | 13.1   | mg/kg |
| RY523-B      | 10FC-RY523-B-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ZINC          | 3.9           | Y           | J             | J            |           | 3.9           | mg/kg | 107    | mg/kg |
| RY523-B      | 10FC-RY523-B-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CALCIUM       | 323           | Y           |               |              |           | 323           | mg/kg | 2830   | mg/kg |
| RY523-B      | 10FC-RY523-B-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.3           | Y           | J             |              | J         | 2.3           | mg/kg | 1.5    | mg/kg |
| RY523-C      | 10FC-RY523-C-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ALUMINUM      | 13.4          | Y           |               |              |           | 13.4          | mg/kg | 8290   | mg/kg |
| RY523-C      | 10FC-RY523-C-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | IRON          | 33.4          | Y           |               |              |           | 33.4          | mg/kg | 44900  | mg/kg |
| RY523-C      | 10FC-RY523-C-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | LEAD          | 3.3           | Y           | J             | J            |           | 3.3           | mg/kg | 6830   | mg/kg |
| RY523-C      | 10FC-RY523-C-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | MAGNESIUM     | 334           | Y           |               |              |           | 334           | mg/kg | 5600   | mg/kg |
| RY523-C      | 10FC-RY523-C-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | MANGANESE     | 1.0           | Y           | J             | J            |           | 1.0           | mg/kg | 1760   | mg/kg |
| RY523-C      | 10FC-RY523-C-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | NICKEL        | 2.7           | Y           |               |              |           | 2.7           | mg/kg | 13.7   | mg/kg |
| RY523-C      | 10FC-RY523-C-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | POTASSIUM     | 334           | Y           | J             | J            |           | 334           | mg/kg | 1830   | mg/kg |
| RY523-C      | 10FC-RY523-C-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | SILVER        | 0.67          | Y           |               |              |           | 0.67          | mg/kg | 52.7   | mg/kg |
| RY523-C      | 10FC-RY523-C-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | SODIUM        | 334           | Y           | J             |              | J         | 334           | mg/kg | 261    | mg/kg |
| RY523-C      | 10FC-RY523-C-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | THALLIUM      | 1.7           | N           | U             |              | U         | 1.7           | mg/kg | 1.7    | mg/kg |
| RY523-C      | 10FC-RY523-C-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ANTIMONY      | 20.1          | Y           | J             | J            |           | 20.1          | mg/kg | 1080   | mg/kg |
| RY523-C      | 10FC-RY523-C-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ARSENIC       | 0.67          | Y           |               |              |           | 0.67          | mg/kg | 598    | mg/kg |
| RY523-C      | 10FC-RY523-C-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | BARIIUM       | 13.4          | Y           |               |              |           | 13.4          | mg/kg | 204    | mg/kg |
| RY523-C      | 10FC-RY523-C-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | BERYLLIUM     | 0.33          | Y           |               |              |           | 0.33          | mg/kg | 0.58   | mg/kg |
| RY523-C      | 10FC-RY523-C-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | CADMIUM       | 0.33          | Y           |               |              |           | 0.33          | mg/kg | 14.4   | mg/kg |
| RY523-C      | 10FC-RY523-C-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | CHROMIUM      | 0.67          | Y           |               |              |           | 0.67          | mg/kg | 12.2   | mg/kg |
| RY523-C      | 10FC-RY523-C-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | COBALT        | 3.3           | Y           |               |              |           | 3.3           | mg/kg | 8.8    | mg/kg |
| RY523-C      | 10FC-RY523-C-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | COPPER        | 1.7           | Y           |               |              |           | 1.7           | mg/kg | 379    | mg/kg |
| RY523-C      | 10FC-RY523-C-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | VANADIUM      | 3.3           | Y           |               |              |           | 3.3           | mg/kg | 19.5   | mg/kg |
| RY523-C      | 10FC-RY523-C-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ZINC          | 20.1          | Y           | J             | J            |           | 20.1          | mg/kg | 2460   | mg/kg |
| RY523-C      | 10FC-RY523-C-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | CALCIUM       | 334           | Y           |               |              |           | 334           | mg/kg | 9140   | mg/kg |
| RY523-C      | 10FC-RY523-C-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | SELENIUM      | 2.3           | Y           |               |              |           | 2.3           | mg/kg | 5.4    | mg/kg |
| RY523-C      | 10FC-RY523-C-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ALUMINUM      | 11.7          | Y           |               |              |           | 11.7          | mg/kg | 5290   | mg/kg |
| RY523-C      | 10FC-RY523-C-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | IRON          | 5.8           | Y           |               |              |           | 5.8           | mg/kg | 17500  | mg/kg |
| RY523-C      | 10FC-RY523-C-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | LEAD          | 0.58          | Y           | J             | J            |           | 0.58          | mg/kg | 2300   | mg/kg |
| RY523-C      | 10FC-RY523-C-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 292           | Y           |               |              |           | 292           | mg/kg | 2350   | mg/kg |
| RY523-C      | 10FC-RY523-C-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | MANGANESE     | 0.87          | Y           | J             | J            |           | 0.87          | mg/kg | 721    | mg/kg |
| RY523-C      | 10FC-RY523-C-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | NICKEL        | 2.3           | Y           |               |              |           | 2.3           | mg/kg | 7.1    | mg/kg |
| RY523-C      | 10FC-RY523-C-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | POTASSIUM     | 292           | Y           | J             | J            |           | 292           | mg/kg | 865    | mg/kg |
| RY523-C      | 10FC-RY523-C-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SILVER        | 0.58          | Y           |               |              |           | 0.58          | mg/kg | 15.8   | mg/kg |
| RY523-C      | 10FC-RY523-C-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SODIUM        | 292           | Y           | J             |              | J         | 292           | mg/kg | 184    | mg/kg |
| RY523-C      | 10FC-RY523-C-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.5           | N           | U             |              | U         | 1.5           | mg/kg | 1.5    | mg/kg |

## Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report | detect flag | interp. quals | valid. quals | lab quals | report | result | unit        |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|--------|-------------|---------------|--------------|-----------|--------|--------|-------------|
|              |                     |             |             |             |           |            |                 |               |               | result |             |               |              |           | detect |        |             |
| RY523-C      | 10FC-RY523-C-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ANTIMONY      | 3.5    | Y           | J             | J            |           | 3.5    | mg/kg  | 251 mg/kg   |
| RY523-C      | 10FC-RY523-C-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.58   | Y           |               |              |           | 0.58   | mg/kg  | 543 mg/kg   |
| RY523-C      | 10FC-RY523-C-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | BARIUM        | 11.7   | Y           |               |              |           | 11.7   | mg/kg  | 99.6 mg/kg  |
| RY523-C      | 10FC-RY523-C-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.29   | Y           |               |              |           | 0.29   | mg/kg  | 0.32 mg/kg  |
| RY523-C      | 10FC-RY523-C-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.29   | Y           |               |              |           | 0.29   | mg/kg  | 7.4 mg/kg   |
| RY523-C      | 10FC-RY523-C-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.58   | Y           |               |              |           | 0.58   | mg/kg  | 6 mg/kg     |
| RY523-C      | 10FC-RY523-C-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | COBALT        | 2.9    | Y           |               |              |           | 2.9    | mg/kg  | 5 mg/kg     |
| RY523-C      | 10FC-RY523-C-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | COPPER        | 1.5    | Y           |               |              |           | 1.5    | mg/kg  | 19.7 mg/kg  |
| RY523-C      | 10FC-RY523-C-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | VANADIUM      | 2.9    | Y           |               |              |           | 2.9    | mg/kg  | 12.4 mg/kg  |
| RY523-C      | 10FC-RY523-C-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ZINC          | 3.5    | Y           | J             | J            |           | 3.5    | mg/kg  | 985 mg/kg   |
| RY523-C      | 10FC-RY523-C-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CALCIUM       | 292    | Y           |               |              |           | 292    | mg/kg  | 3480 mg/kg  |
| RY523-C      | 10FC-RY523-C-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.0    | Y           |               |              |           | 2.0    | mg/kg  | 2.5 mg/kg   |
| RY523-C      | 10FC-RY523-C-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ALUMINUM      | 11.9   | Y           |               |              |           | 11.9   | mg/kg  | 5850 mg/kg  |
| RY523-C      | 10FC-RY523-C-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | IRON          | 6.0    | Y           |               |              |           | 6.0    | mg/kg  | 11900 mg/kg |
| RY523-C      | 10FC-RY523-C-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | LEAD          | 0.60   | Y           | J             | J            |           | 0.60   | mg/kg  | 721 mg/kg   |
| RY523-C      | 10FC-RY523-C-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 298    | Y           |               |              |           | 298    | mg/kg  | 2190 mg/kg  |
| RY523-C      | 10FC-RY523-C-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | MANGANESE     | 0.89   | Y           | J             | J            |           | 0.89   | mg/kg  | 507 mg/kg   |
| RY523-C      | 10FC-RY523-C-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | NICKEL        | 2.4    | Y           |               |              |           | 2.4    | mg/kg  | 5.9 mg/kg   |
| RY523-C      | 10FC-RY523-C-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | POTASSIUM     | 298    | Y           | J             | J            |           | 298    | mg/kg  | 870 mg/kg   |
| RY523-C      | 10FC-RY523-C-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SILVER        | 0.60   | Y           |               |              |           | 0.60   | mg/kg  | 4.2 mg/kg   |
| RY523-C      | 10FC-RY523-C-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SODIUM        | 298    | Y           | J             |              | J         | 298    | mg/kg  | 150 mg/kg   |
| RY523-C      | 10FC-RY523-C-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.5    | N           | U             |              | U         | 1.5    | mg/kg  | 1.5 mg/kg   |
| RY523-C      | 10FC-RY523-C-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ANTIMONY      | 3.6    | Y           | J             | J            |           | 3.6    | mg/kg  | 75.3 mg/kg  |
| RY523-C      | 10FC-RY523-C-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.60   | Y           |               |              |           | 0.60   | mg/kg  | 115 mg/kg   |
| RY523-C      | 10FC-RY523-C-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | BARIUM        | 11.9   | Y           |               |              |           | 11.9   | mg/kg  | 92 mg/kg    |
| RY523-C      | 10FC-RY523-C-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.30   | Y           |               |              |           | 0.30   | mg/kg  | 0.37 mg/kg  |
| RY523-C      | 10FC-RY523-C-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.30   | Y           |               |              |           | 0.30   | mg/kg  | 2.7 mg/kg   |
| RY523-C      | 10FC-RY523-C-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.60   | Y           |               |              |           | 0.60   | mg/kg  | 5.4 mg/kg   |
| RY523-C      | 10FC-RY523-C-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | COBALT        | 3.0    | Y           |               |              |           | 3.0    | mg/kg  | 3.9 mg/kg   |
| RY523-C      | 10FC-RY523-C-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | COPPER        | 1.5    | Y           |               |              |           | 1.5    | mg/kg  | 10.6 mg/kg  |
| RY523-C      | 10FC-RY523-C-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | VANADIUM      | 3.0    | Y           |               |              |           | 3.0    | mg/kg  | 11.2 mg/kg  |
| RY523-C      | 10FC-RY523-C-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ZINC          | 3.6    | Y           | J             | J            |           | 3.6    | mg/kg  | 411 mg/kg   |
| RY523-C      | 10FC-RY523-C-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CALCIUM       | 298    | Y           |               |              |           | 298    | mg/kg  | 1640 mg/kg  |
| RY523-C      | 10FC-RY523-C-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.1    | Y           | J             |              | J         | 2.1    | mg/kg  | 1.8 mg/kg   |
| RY540-A      | 10FC-RY540-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ALUMINUM      | 12.6   | Y           |               |              |           | 12.6   | mg/kg  | 8660 mg/kg  |
| RY540-A      | 10FC-RY540-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | IRON          | 6.3    | Y           |               |              |           | 6.3    | mg/kg  | 11600 mg/kg |
| RY540-A      | 10FC-RY540-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | LEAD          | 0.63   | Y           | J             | J            |           | 0.63   | mg/kg  | 23.3 mg/kg  |
| RY540-A      | 10FC-RY540-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 315    | Y           |               |              |           | 315    | mg/kg  | 2580 mg/kg  |
| RY540-A      | 10FC-RY540-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | MANGANESE     | 0.95   | Y           | J             | J            |           | 0.95   | mg/kg  | 489 mg/kg   |
| RY540-A      | 10FC-RY540-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | NICKEL        | 2.5    | Y           |               |              |           | 2.5    | mg/kg  | 9.9 mg/kg   |
| RY540-A      | 10FC-RY540-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | POTASSIUM     | 315    | Y           | J             | J            |           | 315    | mg/kg  | 1500 mg/kg  |
| RY540-A      | 10FC-RY540-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SILVER        | 0.63   | N           | U             |              | U         | 0.63   | mg/kg  | 0.63 mg/kg  |
| RY540-A      | 10FC-RY540-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SODIUM        | 315    | Y           | J             |              | J         | 315    | mg/kg  | 186 mg/kg   |
| RY540-A      | 10FC-RY540-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.6    | N           | U             |              | U         | 1.6    | mg/kg  | 1.6 mg/kg   |
| RY540-A      | 10FC-RY540-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ANTIMONY      | 3.8    | Y           | J             | J            | J         | 3.8    | mg/kg  | 0.63 mg/kg  |
| RY540-A      | 10FC-RY540-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.63   | Y           |               |              |           | 0.63   | mg/kg  | 5.9 mg/kg   |
| RY540-A      | 10FC-RY540-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | BARIUM        | 12.6   | Y           |               |              |           | 12.6   | mg/kg  | 159 mg/kg   |
| RY540-A      | 10FC-RY540-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.32   | Y           |               |              |           | 0.32   | mg/kg  | 0.41 mg/kg  |

## Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report       | detect flag | interp. quals | valid. quals | lab quals | report       | result | unit        |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|--------------|-------------|---------------|--------------|-----------|--------------|--------|-------------|
|              |                     |             |             |             |           |            |                 |               |               | result limit |             |               |              |           | detect limit |        |             |
| RY540-A      | 10FC-RY540-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.32         | Y           | J             |              | J         | 0.32         | mg/kg  | 0.15 mg/kg  |
| RY540-A      | 10FC-RY540-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.63         | Y           |               |              |           | 0.63         | mg/kg  | 7.4 mg/kg   |
| RY540-A      | 10FC-RY540-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | COBALT        | 3.2          | Y           |               |              |           | 3.2          | mg/kg  | 5.6 mg/kg   |
| RY540-A      | 10FC-RY540-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | COPPER        | 1.6          | Y           |               |              |           | 1.6          | mg/kg  | 12.8 mg/kg  |
| RY540-A      | 10FC-RY540-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | VANADIUM      | 3.2          | Y           |               |              |           | 3.2          | mg/kg  | 11.9 mg/kg  |
| RY540-A      | 10FC-RY540-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ZINC          | 3.8          | Y           | J             | J            |           | 3.8          | mg/kg  | 53.1 mg/kg  |
| RY540-A      | 10FC-RY540-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CALCIUM       | 315          | Y           |               |              |           | 315          | mg/kg  | 3650 mg/kg  |
| RY540-A      | 10FC-RY540-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.2          | Y           | J             |              | J         | 2.2          | mg/kg  | 1.9 mg/kg   |
| RY540-A      | 10FC-RY540-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ALUMINUM      | 13.7         | Y           |               |              |           | 13.7         | mg/kg  | 9320 mg/kg  |
| RY540-A      | 10FC-RY540-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | IRON          | 6.9          | Y           |               |              |           | 6.9          | mg/kg  | 10800 mg/kg |
| RY540-A      | 10FC-RY540-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | LEAD          | 0.69         | Y           | J             | J            |           | 0.69         | mg/kg  | 9.5 mg/kg   |
| RY540-A      | 10FC-RY540-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 343          | Y           |               |              |           | 343          | mg/kg  | 2830 mg/kg  |
| RY540-A      | 10FC-RY540-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | MANGANESE     | 1.0          | Y           | J             | J            |           | 1.0          | mg/kg  | 414 mg/kg   |
| RY540-A      | 10FC-RY540-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | NICKEL        | 2.7          | Y           |               |              |           | 2.7          | mg/kg  | 7.9 mg/kg   |
| RY540-A      | 10FC-RY540-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | POTASSIUM     | 343          | Y           | J             | J            |           | 343          | mg/kg  | 1400 mg/kg  |
| RY540-A      | 10FC-RY540-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SILVER        | 0.69         | N           | U             |              | U         | 0.69         | mg/kg  | 0.69 mg/kg  |
| RY540-A      | 10FC-RY540-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SODIUM        | 343          | Y           | J             |              | J         | 343          | mg/kg  | 154 mg/kg   |
| RY540-A      | 10FC-RY540-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.7          | N           | U             |              | U         | 1.7          | mg/kg  | 1.7 mg/kg   |
| RY540-A      | 10FC-RY540-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ANTIMONY      | 4.1          | Y           | J             | J            | J         | 4.1          | mg/kg  | 0.45 mg/kg  |
| RY540-A      | 10FC-RY540-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.69         | Y           |               |              |           | 0.69         | mg/kg  | 4.2 mg/kg   |
| RY540-A      | 10FC-RY540-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | BARIUM        | 13.7         | Y           |               |              |           | 13.7         | mg/kg  | 139 mg/kg   |
| RY540-A      | 10FC-RY540-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.34         | Y           |               |              |           | 0.34         | mg/kg  | 0.43 mg/kg  |
| RY540-A      | 10FC-RY540-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.34         | Y           | J             |              | J         | 0.34         | mg/kg  | 0.14 mg/kg  |
| RY540-A      | 10FC-RY540-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.69         | Y           |               |              |           | 0.69         | mg/kg  | 6.1 mg/kg   |
| RY540-A      | 10FC-RY540-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | COBALT        | 3.4          | Y           |               |              |           | 3.4          | mg/kg  | 5.7 mg/kg   |
| RY540-A      | 10FC-RY540-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | COPPER        | 1.7          | Y           |               |              |           | 1.7          | mg/kg  | 9.8 mg/kg   |
| RY540-A      | 10FC-RY540-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | VANADIUM      | 3.4          | Y           |               |              |           | 3.4          | mg/kg  | 11.3 mg/kg  |
| RY540-A      | 10FC-RY540-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ZINC          | 4.1          | Y           | J             | J            |           | 4.1          | mg/kg  | 32.4 mg/kg  |
| RY540-A      | 10FC-RY540-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CALCIUM       | 343          | Y           |               |              |           | 343          | mg/kg  | 2760 mg/kg  |
| RY540-A      | 10FC-RY540-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.4          | Y           | J             |              | J         | 2.4          | mg/kg  | 1.8 mg/kg   |
| RY540-A      | 10FC-RY540-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ALUMINUM      | 14.5         | Y           |               |              |           | 14.5         | mg/kg  | 8800 mg/kg  |
| RY540-A      | 10FC-RY540-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | IRON          | 7.2          | Y           |               |              |           | 7.2          | mg/kg  | 11100 mg/kg |
| RY540-A      | 10FC-RY540-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | LEAD          | 0.72         | Y           | J             | J            |           | 0.72         | mg/kg  | 7.5 mg/kg   |
| RY540-A      | 10FC-RY540-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 362          | Y           |               |              |           | 362          | mg/kg  | 2560 mg/kg  |
| RY540-A      | 10FC-RY540-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | MANGANESE     | 1.1          | Y           | J             | J            |           | 1.1          | mg/kg  | 350 mg/kg   |
| RY540-A      | 10FC-RY540-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | NICKEL        | 2.9          | Y           |               |              |           | 2.9          | mg/kg  | 6.6 mg/kg   |
| RY540-A      | 10FC-RY540-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | POTASSIUM     | 362          | Y           | J             | J            |           | 362          | mg/kg  | 1330 mg/kg  |
| RY540-A      | 10FC-RY540-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SILVER        | 0.72         | N           | U             |              | U         | 0.72         | mg/kg  | 0.72 mg/kg  |
| RY540-A      | 10FC-RY540-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SODIUM        | 362          | Y           | J             |              | J         | 362          | mg/kg  | 164 mg/kg   |
| RY540-A      | 10FC-RY540-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.8          | N           | U             |              | U         | 1.8          | mg/kg  | 1.8 mg/kg   |
| RY540-A      | 10FC-RY540-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ANTIMONY      | 4.3          | Y           | J             | J            | J         | 4.3          | mg/kg  | 0.44 mg/kg  |
| RY540-A      | 10FC-RY540-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.72         | Y           |               |              |           | 0.72         | mg/kg  | 3.7 mg/kg   |
| RY540-A      | 10FC-RY540-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | BARIUM        | 14.5         | Y           |               |              |           | 14.5         | mg/kg  | 124 mg/kg   |
| RY540-A      | 10FC-RY540-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.36         | Y           |               |              |           | 0.36         | mg/kg  | 0.43 mg/kg  |
| RY540-A      | 10FC-RY540-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.36         | Y           | J             |              | J         | 0.36         | mg/kg  | 0.03 mg/kg  |
| RY540-A      | 10FC-RY540-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.72         | Y           |               |              |           | 0.72         | mg/kg  | 5.2 mg/kg   |
| RY540-A      | 10FC-RY540-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | COBALT        | 3.6          | Y           |               |              |           | 3.6          | mg/kg  | 5.1 mg/kg   |
| RY540-A      | 10FC-RY540-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | COPPER        | 1.8          | Y           |               |              |           | 1.8          | mg/kg  | 9.5 mg/kg   |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY540-A      | 10FC-RY540-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | VANADIUM      | 3.6           | Y           |               |              |           | 3.6                 | mg/kg | 11.2   | mg/kg |
| RY540-A      | 10FC-RY540-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ZINC          | 4.3           | Y           | J             | J            |           | 4.3                 | mg/kg | 25.9   | mg/kg |
| RY540-A      | 10FC-RY540-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CALCIUM       | 362           | Y           |               |              |           | 362                 | mg/kg | 1900   | mg/kg |
| RY540-A      | 10FC-RY540-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.5           | Y           | J             |              | J         | 2.5                 | mg/kg | 1.7    | mg/kg |
| RY540-B      | 10FC-RY540-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ALUMINUM      | 12.7          | Y           |               |              |           | 12.7                | mg/kg | 4010   | mg/kg |
| RY540-B      | 10FC-RY540-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | IRON          | 6.4           | Y           |               |              |           | 6.4                 | mg/kg | 7410   | mg/kg |
| RY540-B      | 10FC-RY540-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | LEAD          | 0.64          | Y           | J             | J            |           | 0.64                | mg/kg | 45.8   | mg/kg |
| RY540-B      | 10FC-RY540-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 318           | Y           |               |              |           | 318                 | mg/kg | 2620   | mg/kg |
| RY540-B      | 10FC-RY540-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | MANGANESE     | 0.95          | Y           | J             | J            |           | 0.95                | mg/kg | 255    | mg/kg |
| RY540-B      | 10FC-RY540-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | NICKEL        | 2.5           | Y           |               |              |           | 2.5                 | mg/kg | 7.9    | mg/kg |
| RY540-B      | 10FC-RY540-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | POTASSIUM     | 318           | Y           | J             | J            |           | 318                 | mg/kg | 910    | mg/kg |
| RY540-B      | 10FC-RY540-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SILVER        | 0.64          | N           | U             |              | U         | 0.64                | mg/kg | 0.64   | mg/kg |
| RY540-B      | 10FC-RY540-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SODIUM        | 318           | Y           | J             |              | J         | 318                 | mg/kg | 148    | mg/kg |
| RY540-B      | 10FC-RY540-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.6           | N           | U             |              | U         | 1.6                 | mg/kg | 1.6    | mg/kg |
| RY540-B      | 10FC-RY540-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ANTIMONY      | 3.8           | Y           | J             | J            | J         | 3.8                 | mg/kg | 0.64   | mg/kg |
| RY540-B      | 10FC-RY540-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.64          | Y           |               |              |           | 0.64                | mg/kg | 6.3    | mg/kg |
| RY540-B      | 10FC-RY540-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | BARIUM        | 12.7          | Y           |               |              |           | 12.7                | mg/kg | 97.6   | mg/kg |
| RY540-B      | 10FC-RY540-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.32          | Y           | J             |              | J         | 0.32                | mg/kg | 0.25   | mg/kg |
| RY540-B      | 10FC-RY540-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.32          | Y           |               |              |           | 0.32                | mg/kg | 0.42   | mg/kg |
| RY540-B      | 10FC-RY540-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.64          | Y           |               |              |           | 0.64                | mg/kg | 12.4   | mg/kg |
| RY540-B      | 10FC-RY540-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | COBALT        | 3.2           | Y           |               |              |           | 3.2                 | mg/kg | 4.2    | mg/kg |
| RY540-B      | 10FC-RY540-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | COPPER        | 1.6           | Y           |               |              |           | 1.6                 | mg/kg | 18.9   | mg/kg |
| RY540-B      | 10FC-RY540-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | VANADIUM      | 3.2           | Y           |               |              |           | 3.2                 | mg/kg | 9.7    | mg/kg |
| RY540-B      | 10FC-RY540-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ZINC          | 3.8           | Y           | J             | J            |           | 3.8                 | mg/kg | 48.1   | mg/kg |
| RY540-B      | 10FC-RY540-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CALCIUM       | 318           | Y           |               |              |           | 318                 | mg/kg | 7320   | mg/kg |
| RY540-B      | 10FC-RY540-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.2           | Y           | J             |              | J         | 2.2                 | mg/kg | 1.3    | mg/kg |
| RY540-B      | 10FC-RY540-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ALUMINUM      | 13.7          | Y           |               |              |           | 13.7                | mg/kg | 4680   | mg/kg |
| RY540-B      | 10FC-RY540-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | IRON          | 6.9           | Y           |               |              |           | 6.9                 | mg/kg | 8920   | mg/kg |
| RY540-B      | 10FC-RY540-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | LEAD          | 0.69          | Y           | J             | J            |           | 0.69                | mg/kg | 22.6   | mg/kg |
| RY540-B      | 10FC-RY540-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 344           | Y           |               |              |           | 344                 | mg/kg | 2420   | mg/kg |
| RY540-B      | 10FC-RY540-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | MANGANESE     | 1.0           | Y           | J             | J            |           | 1.0                 | mg/kg | 371    | mg/kg |
| RY540-B      | 10FC-RY540-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | NICKEL        | 2.7           | Y           |               |              |           | 2.7                 | mg/kg | 7.7    | mg/kg |
| RY540-B      | 10FC-RY540-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | POTASSIUM     | 344           | Y           | J             | J            |           | 344                 | mg/kg | 1020   | mg/kg |
| RY540-B      | 10FC-RY540-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SILVER        | 0.69          | N           | U             |              | U         | 0.69                | mg/kg | 0.69   | mg/kg |
| RY540-B      | 10FC-RY540-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SODIUM        | 344           | Y           | J             |              | J         | 344                 | mg/kg | 155    | mg/kg |
| RY540-B      | 10FC-RY540-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.7           | N           | U             |              | U         | 1.7                 | mg/kg | 1.7    | mg/kg |
| RY540-B      | 10FC-RY540-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ANTIMONY      | 4.1           | Y           | J             | J            | J         | 4.1                 | mg/kg | 0.75   | mg/kg |
| RY540-B      | 10FC-RY540-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.69          | Y           |               |              |           | 0.69                | mg/kg | 7.4    | mg/kg |
| RY540-B      | 10FC-RY540-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | BARIUM        | 13.7          | Y           |               |              |           | 13.7                | mg/kg | 105    | mg/kg |
| RY540-B      | 10FC-RY540-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.34          | Y           | J             |              | J         | 0.34                | mg/kg | 0.28   | mg/kg |
| RY540-B      | 10FC-RY540-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.34          | Y           | J             |              | J         | 0.34                | mg/kg | 0.24   | mg/kg |
| RY540-B      | 10FC-RY540-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.69          | Y           |               |              |           | 0.69                | mg/kg | 6.2    | mg/kg |
| RY540-B      | 10FC-RY540-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | COBALT        | 3.4           | Y           |               |              |           | 3.4                 | mg/kg | 4.4    | mg/kg |
| RY540-B      | 10FC-RY540-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | COPPER        | 1.7           | Y           |               |              |           | 1.7                 | mg/kg | 19     | mg/kg |
| RY540-B      | 10FC-RY540-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | VANADIUM      | 3.4           | Y           |               |              |           | 3.4                 | mg/kg | 9.2    | mg/kg |
| RY540-B      | 10FC-RY540-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ZINC          | 4.1           | Y           | J             | J            |           | 4.1                 | mg/kg | 43.9   | mg/kg |
| RY540-B      | 10FC-RY540-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CALCIUM       | 344           | Y           |               |              |           | 344                 | mg/kg | 5440   | mg/kg |
| RY540-B      | 10FC-RY540-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.4           | Y           | J             |              | J         | 2.4                 | mg/kg | 1.3    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY540-B      | 10FC-RY540-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ALUMINUM      | 12.4          | Y           |               |              |           | 12.4          | mg/kg | 5760   | mg/kg |
| RY540-B      | 10FC-RY540-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | IRON          | 6.2           | Y           |               |              |           | 6.2           | mg/kg | 9040   | mg/kg |
| RY540-B      | 10FC-RY540-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | LEAD          | 0.62          | Y           | J             | J            |           | 0.62          | mg/kg | 21     | mg/kg |
| RY540-B      | 10FC-RY540-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 311           | Y           |               |              |           | 311           | mg/kg | 2490   | mg/kg |
| RY540-B      | 10FC-RY540-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | MANGANESE     | 0.93          | Y           | J             | J            |           | 0.93          | mg/kg | 327    | mg/kg |
| RY540-B      | 10FC-RY540-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | NICKEL        | 2.5           | Y           |               |              |           | 2.5           | mg/kg | 7.8    | mg/kg |
| RY540-B      | 10FC-RY540-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | POTASSIUM     | 311           | Y           | J             | J            |           | 311           | mg/kg | 1140   | mg/kg |
| RY540-B      | 10FC-RY540-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SILVER        | 0.62          | N           | U             |              | U         | 0.62          | mg/kg | 0.62   | mg/kg |
| RY540-B      | 10FC-RY540-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SODIUM        | 311           | Y           | J             |              | J         | 311           | mg/kg | 184    | mg/kg |
| RY540-B      | 10FC-RY540-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.6           | N           | U             |              | U         | 1.6           | mg/kg | 1.6    | mg/kg |
| RY540-B      | 10FC-RY540-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ANTIMONY      | 3.7           | Y           | J             | J            | J         | 3.7           | mg/kg | 0.67   | mg/kg |
| RY540-B      | 10FC-RY540-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.62          | Y           |               |              |           | 0.62          | mg/kg | 6.3    | mg/kg |
| RY540-B      | 10FC-RY540-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | BARIUM        | 12.4          | Y           |               |              |           | 12.4          | mg/kg | 103    | mg/kg |
| RY540-B      | 10FC-RY540-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.31          | Y           |               |              |           | 0.31          | mg/kg | 0.32   | mg/kg |
| RY540-B      | 10FC-RY540-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.31          | Y           |               |              |           | 0.31          | mg/kg | 2.7    | mg/kg |
| RY540-B      | 10FC-RY540-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.62          | Y           |               |              |           | 0.62          | mg/kg | 8.2    | mg/kg |
| RY540-B      | 10FC-RY540-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | COBALT        | 3.1           | Y           |               |              |           | 3.1           | mg/kg | 4.9    | mg/kg |
| RY540-B      | 10FC-RY540-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | COPPER        | 1.6           | Y           |               |              |           | 1.6           | mg/kg | 14.5   | mg/kg |
| RY540-B      | 10FC-RY540-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | VANADIUM      | 3.1           | Y           |               |              |           | 3.1           | mg/kg | 10.4   | mg/kg |
| RY540-B      | 10FC-RY540-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ZINC          | 3.7           | Y           | J             | J            |           | 3.7           | mg/kg | 36.9   | mg/kg |
| RY540-B      | 10FC-RY540-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CALCIUM       | 311           | Y           |               |              |           | 311           | mg/kg | 4070   | mg/kg |
| RY540-B      | 10FC-RY540-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.2           | Y           | J             |              | J         | 2.2           | mg/kg | 1.9    | mg/kg |
| RY540-C      | 10FC-RY540-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ALUMINUM      | 13.3          | Y           |               |              |           | 13.3          | mg/kg | 5540   | mg/kg |
| RY540-C      | 10FC-RY540-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | IRON          | 6.7           | Y           |               |              |           | 6.7           | mg/kg | 7990   | mg/kg |
| RY540-C      | 10FC-RY540-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | LEAD          | 0.67          | Y           | J             | J            |           | 0.67          | mg/kg | 8.4    | mg/kg |
| RY540-C      | 10FC-RY540-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 333           | Y           |               |              |           | 333           | mg/kg | 2840   | mg/kg |
| RY540-C      | 10FC-RY540-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | MANGANESE     | 1.0           | Y           | J             | J            |           | 1.0           | mg/kg | 256    | mg/kg |
| RY540-C      | 10FC-RY540-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | NICKEL        | 2.7           | Y           |               |              |           | 2.7           | mg/kg | 6.3    | mg/kg |
| RY540-C      | 10FC-RY540-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | POTASSIUM     | 333           | Y           | J             | J            |           | 333           | mg/kg | 1110   | mg/kg |
| RY540-C      | 10FC-RY540-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SILVER        | 0.67          | N           | U             |              | U         | 0.67          | mg/kg | 0.67   | mg/kg |
| RY540-C      | 10FC-RY540-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SODIUM        | 333           | Y           | J             |              | J         | 333           | mg/kg | 148    | mg/kg |
| RY540-C      | 10FC-RY540-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.7           | N           | U             |              | U         | 1.7           | mg/kg | 1.7    | mg/kg |
| RY540-C      | 10FC-RY540-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ANTIMONY      | 4.0           | Y           | J             | J            | J         | 4.0           | mg/kg | 0.41   | mg/kg |
| RY540-C      | 10FC-RY540-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.67          | Y           |               |              |           | 0.67          | mg/kg | 2.9    | mg/kg |
| RY540-C      | 10FC-RY540-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | BARIUM        | 13.3          | Y           |               |              |           | 13.3          | mg/kg | 90.7   | mg/kg |
| RY540-C      | 10FC-RY540-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.33          | Y           |               |              |           | 0.33          | mg/kg | 0.34   | mg/kg |
| RY540-C      | 10FC-RY540-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.33          | Y           | J             |              | J         | 0.33          | mg/kg | 0.05   | mg/kg |
| RY540-C      | 10FC-RY540-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.67          | Y           |               |              |           | 0.67          | mg/kg | 5.9    | mg/kg |
| RY540-C      | 10FC-RY540-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | COBALT        | 3.3           | Y           |               |              |           | 3.3           | mg/kg | 4.2    | mg/kg |
| RY540-C      | 10FC-RY540-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | COPPER        | 1.7           | Y           |               |              |           | 1.7           | mg/kg | 7.6    | mg/kg |
| RY540-C      | 10FC-RY540-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | VANADIUM      | 3.3           | Y           |               |              |           | 3.3           | mg/kg | 9      | mg/kg |
| RY540-C      | 10FC-RY540-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ZINC          | 4.0           | Y           | J             | J            |           | 4.0           | mg/kg | 35.7   | mg/kg |
| RY540-C      | 10FC-RY540-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CALCIUM       | 333           | Y           |               |              |           | 333           | mg/kg | 2160   | mg/kg |
| RY540-C      | 10FC-RY540-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.3           | Y           | J             |              | J         | 2.3           | mg/kg | 1.5    | mg/kg |
| RY540-C      | 10FC-RY540-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ALUMINUM      | 14.2          | Y           |               |              |           | 14.2          | mg/kg | 6520   | mg/kg |
| RY540-C      | 10FC-RY540-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | IRON          | 7.1           | Y           |               |              |           | 7.1           | mg/kg | 9500   | mg/kg |
| RY540-C      | 10FC-RY540-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | LEAD          | 0.71          | Y           | J             | J            |           | 0.71          | mg/kg | 8.7    | mg/kg |
| RY540-C      | 10FC-RY540-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 356           | Y           |               |              |           | 356           | mg/kg | 2860   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY540-C      | 10FC-RY540-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | MANGANESE     | 1.1           | Y           | J             | J            |           | 1.1           | mg/kg | 381    | mg/kg |
| RY540-C      | 10FC-RY540-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | NICKEL        | 2.8           | Y           |               |              |           | 2.8           | mg/kg | 7.3    | mg/kg |
| RY540-C      | 10FC-RY540-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | POTASSIUM     | 356           | Y           | J             | J            |           | 356           | mg/kg | 1340   | mg/kg |
| RY540-C      | 10FC-RY540-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SILVER        | 0.71          | N           | U             |              | U         | 0.71          | mg/kg | 0.71   | mg/kg |
| RY540-C      | 10FC-RY540-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SODIUM        | 356           | Y           | J             |              | J         | 356           | mg/kg | 172    | mg/kg |
| RY540-C      | 10FC-RY540-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.8           | N           | U             |              | U         | 1.8           | mg/kg | 1.8    | mg/kg |
| RY540-C      | 10FC-RY540-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ANTIMONY      | 4.3           | Y           | J             | J            | J         | 4.3           | mg/kg | 0.42   | mg/kg |
| RY540-C      | 10FC-RY540-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.71          | Y           |               |              |           | 0.71          | mg/kg | 3.5    | mg/kg |
| RY540-C      | 10FC-RY540-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | BARIUM        | 14.2          | Y           |               |              |           | 14.2          | mg/kg | 114    | mg/kg |
| RY540-C      | 10FC-RY540-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.36          | Y           |               |              |           | 0.36          | mg/kg | 0.37   | mg/kg |
| RY540-C      | 10FC-RY540-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.36          | Y           | J             |              | J         | 0.36          | mg/kg | 0.05   | mg/kg |
| RY540-C      | 10FC-RY540-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.71          | Y           |               |              |           | 0.71          | mg/kg | 6.2    | mg/kg |
| RY540-C      | 10FC-RY540-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | COBALT        | 3.6           | Y           |               |              |           | 3.6           | mg/kg | 5.2    | mg/kg |
| RY540-C      | 10FC-RY540-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | COPPER        | 1.8           | Y           |               |              |           | 1.8           | mg/kg | 8.8    | mg/kg |
| RY540-C      | 10FC-RY540-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | VANADIUM      | 3.6           | Y           |               |              |           | 3.6           | mg/kg | 10.4   | mg/kg |
| RY540-C      | 10FC-RY540-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ZINC          | 4.3           | Y           | J             | J            |           | 4.3           | mg/kg | 28.8   | mg/kg |
| RY540-C      | 10FC-RY540-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CALCIUM       | 356           | Y           |               |              |           | 356           | mg/kg | 1990   | mg/kg |
| RY540-C      | 10FC-RY540-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.5           | Y           | J             |              | J         | 2.5           | mg/kg | 1.6    | mg/kg |
| RY540-C      | 10FC-RY540-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ALUMINUM      | 15.0          | Y           |               |              |           | 15.0          | mg/kg | 6940   | mg/kg |
| RY540-C      | 10FC-RY540-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | IRON          | 7.5           | Y           |               |              |           | 7.5           | mg/kg | 9710   | mg/kg |
| RY540-C      | 10FC-RY540-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | LEAD          | 0.75          | Y           | J             | J            |           | 0.75          | mg/kg | 8.3    | mg/kg |
| RY540-C      | 10FC-RY540-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 376           | Y           |               |              |           | 376           | mg/kg | 2930   | mg/kg |
| RY540-C      | 10FC-RY540-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | MANGANESE     | 1.1           | Y           | J             | J            |           | 1.1           | mg/kg | 337    | mg/kg |
| RY540-C      | 10FC-RY540-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | NICKEL        | 3.0           | Y           |               |              |           | 3.0           | mg/kg | 7      | mg/kg |
| RY540-C      | 10FC-RY540-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | POTASSIUM     | 376           | Y           | J             | J            |           | 376           | mg/kg | 1390   | mg/kg |
| RY540-C      | 10FC-RY540-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SILVER        | 0.75          | N           | U             |              | U         | 0.75          | mg/kg | 0.75   | mg/kg |
| RY540-C      | 10FC-RY540-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SODIUM        | 376           | Y           | J             |              | J         | 376           | mg/kg | 169    | mg/kg |
| RY540-C      | 10FC-RY540-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.9           | N           | U             |              | U         | 1.9           | mg/kg | 1.9    | mg/kg |
| RY540-C      | 10FC-RY540-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ANTIMONY      | 4.5           | Y           | J             | J            | J         | 4.5           | mg/kg | 0.38   | mg/kg |
| RY540-C      | 10FC-RY540-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.75          | Y           |               |              |           | 0.75          | mg/kg | 3.4    | mg/kg |
| RY540-C      | 10FC-RY540-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | BARIUM        | 15.0          | Y           |               |              |           | 15.0          | mg/kg | 112    | mg/kg |
| RY540-C      | 10FC-RY540-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.38          | Y           |               |              |           | 0.38          | mg/kg | 0.39   | mg/kg |
| RY540-C      | 10FC-RY540-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.38          | Y           | J             |              | J         | 0.38          | mg/kg | 0.04   | mg/kg |
| RY540-C      | 10FC-RY540-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.75          | Y           |               |              |           | 0.75          | mg/kg | 6.4    | mg/kg |
| RY540-C      | 10FC-RY540-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | COBALT        | 3.8           | Y           |               |              |           | 3.8           | mg/kg | 4.9    | mg/kg |
| RY540-C      | 10FC-RY540-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | COPPER        | 1.9           | Y           |               |              |           | 1.9           | mg/kg | 8.2    | mg/kg |
| RY540-C      | 10FC-RY540-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | VANADIUM      | 3.8           | Y           |               |              |           | 3.8           | mg/kg | 10.8   | mg/kg |
| RY540-C      | 10FC-RY540-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ZINC          | 4.5           | Y           | J             | J            |           | 4.5           | mg/kg | 30.8   | mg/kg |
| RY540-C      | 10FC-RY540-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CALCIUM       | 376           | Y           |               |              |           | 376           | mg/kg | 2180   | mg/kg |
| RY540-C      | 10FC-RY540-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.6           | Y           | J             |              | J         | 2.6           | mg/kg | 1.6    | mg/kg |
| RY540-D      | 10FC-RY540-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ALUMINUM      | 13.7          | Y           |               |              |           | 13.7          | mg/kg | 6540   | mg/kg |
| RY540-D      | 10FC-RY540-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | IRON          | 6.8           | Y           |               |              |           | 6.8           | mg/kg | 9880   | mg/kg |
| RY540-D      | 10FC-RY540-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | LEAD          | 0.68          | Y           | J             | J            |           | 0.68          | mg/kg | 10.2   | mg/kg |
| RY540-D      | 10FC-RY540-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 342           | Y           |               |              |           | 342           | mg/kg | 2760   | mg/kg |
| RY540-D      | 10FC-RY540-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | MANGANESE     | 1.0           | Y           | J             | J            |           | 1.0           | mg/kg | 355    | mg/kg |
| RY540-D      | 10FC-RY540-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | NICKEL        | 2.7           | Y           |               |              |           | 2.7           | mg/kg | 7.3    | mg/kg |
| RY540-D      | 10FC-RY540-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | POTASSIUM     | 342           | Y           | J             | J            |           | 342           | mg/kg | 1300   | mg/kg |
| RY540-D      | 10FC-RY540-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SILVER        | 0.68          | N           | U             |              | U         | 0.68          | mg/kg | 0.68   | mg/kg |



Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY540-D      | 10FC-RY540-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SODIUM        | 342           | Y           | J             |              | J         | 342           | mg/kg | 219    | mg/kg |
| RY540-D      | 10FC-RY540-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.7           | N           | U             |              | U         | 1.7           | mg/kg | 1.7    | mg/kg |
| RY540-D      | 10FC-RY540-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ANTIMONY      | 4.1           | Y           | J             | J            | J         | 4.1           | mg/kg | 0.43   | mg/kg |
| RY540-D      | 10FC-RY540-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.68          | Y           |               |              |           | 0.68          | mg/kg | 3.1    | mg/kg |
| RY540-D      | 10FC-RY540-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | BARIUM        | 13.7          | Y           |               |              |           | 13.7          | mg/kg | 112    | mg/kg |
| RY540-D      | 10FC-RY540-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.34          | Y           |               |              |           | 0.34          | mg/kg | 0.42   | mg/kg |
| RY540-D      | 10FC-RY540-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.34          | Y           | J             |              | J         | 0.34          | mg/kg | 0.06   | mg/kg |
| RY540-D      | 10FC-RY540-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.68          | Y           |               |              |           | 0.68          | mg/kg | 6.5    | mg/kg |
| RY540-D      | 10FC-RY540-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | COBALT        | 3.4           | Y           |               |              |           | 3.4           | mg/kg | 5.2    | mg/kg |
| RY540-D      | 10FC-RY540-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | COPPER        | 1.7           | Y           |               |              |           | 1.7           | mg/kg | 9      | mg/kg |
| RY540-D      | 10FC-RY540-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | VANADIUM      | 3.4           | Y           |               |              |           | 3.4           | mg/kg | 11.4   | mg/kg |
| RY540-D      | 10FC-RY540-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ZINC          | 4.1           | Y           | J             | J            |           | 4.1           | mg/kg | 30.9   | mg/kg |
| RY540-D      | 10FC-RY540-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CALCIUM       | 342           | Y           |               |              |           | 342           | mg/kg | 1730   | mg/kg |
| RY540-D      | 10FC-RY540-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.4           | Y           | J             |              | J         | 2.4           | mg/kg | 1.5    | mg/kg |
| RY540-D      | 10FC-RY540-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ALUMINUM      | 12.0          | Y           |               |              |           | 12.0          | mg/kg | 7480   | mg/kg |
| RY540-D      | 10FC-RY540-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | IRON          | 6.0           | Y           |               |              |           | 6.0           | mg/kg | 10200  | mg/kg |
| RY540-D      | 10FC-RY540-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | LEAD          | 0.60          | Y           | J             | J            |           | 0.60          | mg/kg | 8.1    | mg/kg |
| RY540-D      | 10FC-RY540-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 300           | Y           |               |              |           | 300           | mg/kg | 2700   | mg/kg |
| RY540-D      | 10FC-RY540-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | MANGANESE     | 0.90          | Y           | J             | J            |           | 0.90          | mg/kg | 342    | mg/kg |
| RY540-D      | 10FC-RY540-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | NICKEL        | 2.4           | Y           |               |              |           | 2.4           | mg/kg | 7.4    | mg/kg |
| RY540-D      | 10FC-RY540-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | POTASSIUM     | 300           | Y           | J             | J            |           | 300           | mg/kg | 1320   | mg/kg |
| RY540-D      | 10FC-RY540-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SILVER        | 0.60          | N           | U             |              | U         | 0.60          | mg/kg | 0.6    | mg/kg |
| RY540-D      | 10FC-RY540-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SODIUM        | 300           | Y           | J             |              | J         | 300           | mg/kg | 161    | mg/kg |
| RY540-D      | 10FC-RY540-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.5           | N           | U             |              | U         | 1.5           | mg/kg | 1.5    | mg/kg |
| RY540-D      | 10FC-RY540-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ANTIMONY      | 3.6           | Y           | J             | J            | J         | 3.6           | mg/kg | 0.39   | mg/kg |
| RY540-D      | 10FC-RY540-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.60          | Y           |               |              |           | 0.60          | mg/kg | 3.5    | mg/kg |
| RY540-D      | 10FC-RY540-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | BARIUM        | 12.0          | Y           |               |              |           | 12.0          | mg/kg | 103    | mg/kg |
| RY540-D      | 10FC-RY540-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.30          | Y           |               |              |           | 0.30          | mg/kg | 0.41   | mg/kg |
| RY540-D      | 10FC-RY540-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.30          | Y           | J             |              | J         | 0.30          | mg/kg | 0.04   | mg/kg |
| RY540-D      | 10FC-RY540-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.60          | Y           |               |              |           | 0.60          | mg/kg | 5.9    | mg/kg |
| RY540-D      | 10FC-RY540-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | COBALT        | 3.0           | Y           |               |              |           | 3.0           | mg/kg | 5.7    | mg/kg |
| RY540-D      | 10FC-RY540-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | COPPER        | 1.5           | Y           |               |              |           | 1.5           | mg/kg | 8.8    | mg/kg |
| RY540-D      | 10FC-RY540-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | VANADIUM      | 3.0           | Y           |               |              |           | 3.0           | mg/kg | 11.9   | mg/kg |
| RY540-D      | 10FC-RY540-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ZINC          | 3.6           | Y           | J             | J            |           | 3.6           | mg/kg | 25.5   | mg/kg |
| RY540-D      | 10FC-RY540-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CALCIUM       | 300           | Y           |               |              |           | 300           | mg/kg | 1400   | mg/kg |
| RY540-D      | 10FC-RY540-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.1           | Y           | J             |              | J         | 2.1           | mg/kg | 1.5    | mg/kg |
| RY540-D      | 10FC-RY540-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ALUMINUM      | 12.2          | Y           |               |              |           | 12.2          | mg/kg | 7220   | mg/kg |
| RY540-D      | 10FC-RY540-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | IRON          | 6.1           | Y           |               |              |           | 6.1           | mg/kg | 9710   | mg/kg |
| RY540-D      | 10FC-RY540-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | LEAD          | 0.61          | Y           | J             | J            |           | 0.61          | mg/kg | 9.5    | mg/kg |
| RY540-D      | 10FC-RY540-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 306           | Y           |               |              |           | 306           | mg/kg | 2790   | mg/kg |
| RY540-D      | 10FC-RY540-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | MANGANESE     | 0.92          | Y           | J             | J            |           | 0.92          | mg/kg | 288    | mg/kg |
| RY540-D      | 10FC-RY540-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | NICKEL        | 2.4           | Y           |               |              |           | 2.4           | mg/kg | 7.2    | mg/kg |
| RY540-D      | 10FC-RY540-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | POTASSIUM     | 306           | Y           | J             | J            |           | 306           | mg/kg | 1310   | mg/kg |
| RY540-D      | 10FC-RY540-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SILVER        | 0.61          | N           | U             |              | U         | 0.61          | mg/kg | 0.61   | mg/kg |
| RY540-D      | 10FC-RY540-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SODIUM        | 306           | Y           | J             |              | J         | 306           | mg/kg | 159    | mg/kg |
| RY540-D      | 10FC-RY540-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.5           | N           | U             |              | U         | 1.5           | mg/kg | 1.5    | mg/kg |
| RY540-D      | 10FC-RY540-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ANTIMONY      | 3.7           | Y           | J             | J            | J         | 3.7           | mg/kg | 0.36   | mg/kg |
| RY540-D      | 10FC-RY540-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.61          | Y           |               |              |           | 0.61          | mg/kg | 3      | mg/kg |

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| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY540-D      | 10FC-RY540-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | BARIUM        | 12.2                | Y           |               |              |           | 12.2                | mg/kg | 103    | mg/kg |
| RY540-D      | 10FC-RY540-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.31                | Y           |               |              |           | 0.31                | mg/kg | 0.41   | mg/kg |
| RY540-D      | 10FC-RY540-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.31                | Y           | J             |              | J         | 0.31                | mg/kg | 0.04   | mg/kg |
| RY540-D      | 10FC-RY540-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.61                | Y           |               |              |           | 0.61                | mg/kg | 6.5    | mg/kg |
| RY540-D      | 10FC-RY540-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | COBALT        | 3.1                 | Y           |               |              |           | 3.1                 | mg/kg | 5.1    | mg/kg |
| RY540-D      | 10FC-RY540-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | COPPER        | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 9.6    | mg/kg |
| RY540-D      | 10FC-RY540-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | VANADIUM      | 3.1                 | Y           |               |              |           | 3.1                 | mg/kg | 11.3   | mg/kg |
| RY540-D      | 10FC-RY540-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ZINC          | 3.7                 | Y           | J             | J            |           | 3.7                 | mg/kg | 26.9   | mg/kg |
| RY540-D      | 10FC-RY540-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CALCIUM       | 306                 | Y           |               |              |           | 306                 | mg/kg | 1540   | mg/kg |
| RY540-D      | 10FC-RY540-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.1                 | Y           | J             |              | J         | 2.1                 | mg/kg | 1.4    | mg/kg |
| RY540-F      | 10FC-RY540-F-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ALUMINUM      | 12.0                | Y           |               |              |           | 12.0                | mg/kg | 8190   | mg/kg |
| RY540-F      | 10FC-RY540-F-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | IRON          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 9860   | mg/kg |
| RY540-F      | 10FC-RY540-F-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | LEAD          | 0.60                | Y           | J             | J            |           | 0.60                | mg/kg | 5.5    | mg/kg |
| RY540-F      | 10FC-RY540-F-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 300                 | Y           |               |              |           | 300                 | mg/kg | 2160   | mg/kg |
| RY540-F      | 10FC-RY540-F-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | MANGANESE     | 0.90                | Y           | J             | J            |           | 0.90                | mg/kg | 222    | mg/kg |
| RY540-F      | 10FC-RY540-F-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | NICKEL        | 2.4                 | Y           |               |              |           | 2.4                 | mg/kg | 5.7    | mg/kg |
| RY540-F      | 10FC-RY540-F-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | POTASSIUM     | 300                 | Y           | J             | J            |           | 300                 | mg/kg | 961    | mg/kg |
| RY540-F      | 10FC-RY540-F-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SILVER        | 0.60                | N           | U             |              | U         | 0.60                | mg/kg | 0.6    | mg/kg |
| RY540-F      | 10FC-RY540-F-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SODIUM        | 300                 | Y           | J             |              | J         | 300                 | mg/kg | 192    | mg/kg |
| RY540-F      | 10FC-RY540-F-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.5                 | N           | U             |              | U         | 1.5                 | mg/kg | 1.5    | mg/kg |
| RY540-F      | 10FC-RY540-F-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ANTIMONY      | 3.6                 | Y           | J             | J            | J         | 3.6                 | mg/kg | 0.31   | mg/kg |
| RY540-F      | 10FC-RY540-F-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.60                | Y           |               |              |           | 0.60                | mg/kg | 2.8    | mg/kg |
| RY540-F      | 10FC-RY540-F-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | BARIUM        | 12.0                | Y           |               |              |           | 12.0                | mg/kg | 97.6   | mg/kg |
| RY540-F      | 10FC-RY540-F-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.30                | Y           |               |              |           | 0.30                | mg/kg | 0.42   | mg/kg |
| RY540-F      | 10FC-RY540-F-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.30                | N           | U             |              | U         | 0.30                | mg/kg | 0.3    | mg/kg |
| RY540-F      | 10FC-RY540-F-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.60                | Y           |               |              |           | 0.60                | mg/kg | 6.1    | mg/kg |
| RY540-F      | 10FC-RY540-F-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | COBALT        | 3.0                 | Y           |               |              |           | 3.0                 | mg/kg | 5      | mg/kg |
| RY540-F      | 10FC-RY540-F-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | COPPER        | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 6.6    | mg/kg |
| RY540-F      | 10FC-RY540-F-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | VANADIUM      | 3.0                 | Y           |               |              |           | 3.0                 | mg/kg | 15.2   | mg/kg |
| RY540-F      | 10FC-RY540-F-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ZINC          | 3.6                 | Y           | J             | J            |           | 3.6                 | mg/kg | 20.1   | mg/kg |
| RY540-F      | 10FC-RY540-F-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CALCIUM       | 300                 | Y           |               |              |           | 300                 | mg/kg | 1030   | mg/kg |
| RY540-F      | 10FC-RY540-F-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.1                 | Y           | J             |              | J         | 2.1                 | mg/kg | 1.5    | mg/kg |
| RY370-C      | 10FC-RY370-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | ALUMINUM      | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 7400   | mg/kg |
| RY370-C      | 10FC-RY370-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | IRON          | 10.0                | Y           |               |              |           | 10.0                | mg/kg | 16700  | mg/kg |
| RY370-C      | 10FC-RY370-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | LEAD          | 1.0                 | Y           | J+            | J+           |           | 1.0                 | mg/kg | 17.5   | mg/kg |
| RY370-C      | 10FC-RY370-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 6150   | mg/kg |
| RY370-C      | 10FC-RY370-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 372    | mg/kg |
| RY370-C      | 10FC-RY370-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | NICKEL        | 4.0                 | Y           |               |              |           | 4.0                 | mg/kg | 17     | mg/kg |
| RY370-C      | 10FC-RY370-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1640   | mg/kg |
| RY370-C      | 10FC-RY370-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | SILVER        | 1.0                 | Y           | J             |              | J         | 1.0                 | mg/kg | 0.74   | mg/kg |
| RY370-C      | 10FC-RY370-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | SODIUM        | 500                 | Y           | J             | J            | J         | 500                 | mg/kg | 234    | mg/kg |
| RY370-C      | 10FC-RY370-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.9    | mg/kg |
| RY370-C      | 10FC-RY370-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | ANTIMONY      | 6.0                 | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 7      | mg/kg |
| RY370-C      | 10FC-RY370-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | ARSENIC       | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 14.5   | mg/kg |
| RY370-C      | 10FC-RY370-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | BARIUM        | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 84.7   | mg/kg |
| RY370-C      | 10FC-RY370-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | BERYLLIUM     | 0.50                | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY370-C      | 10FC-RY370-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | CADMIUM       | 0.50                | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY370-C      | 10FC-RY370-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | CHROMIUM      | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 6.7    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY370-C      | 10FC-RY370-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | COBALT        | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 9.7    | mg/kg |
| RY370-C      | 10FC-RY370-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 45.8   | mg/kg |
| RY370-C      | 10FC-RY370-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | VANADIUM      | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 11.8   | mg/kg |
| RY370-C      | 10FC-RY370-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 89.1   | mg/kg |
| RY370-C      | 10FC-RY370-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 5230   | mg/kg |
| RY370-C      | 10FC-RY370-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.45   | mg/kg |
| RY370-D      | 10FC-RY370-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | ALUMINUM      | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 4900   | mg/kg |
| RY370-D      | 10FC-RY370-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | IRON          | 10.0                | Y           |               |              |           | 10.0                | mg/kg | 7760   | mg/kg |
| RY370-D      | 10FC-RY370-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | LEAD          | 1.0                 | Y           | J+            |              | J+        | 1.0                 | mg/kg | 3.4    | mg/kg |
| RY370-D      | 10FC-RY370-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3500   | mg/kg |
| RY370-D      | 10FC-RY370-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 164    | mg/kg |
| RY370-D      | 10FC-RY370-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | NICKEL        | 4.0                 | Y           |               |              |           | 4.0                 | mg/kg | 4.5    | mg/kg |
| RY370-D      | 10FC-RY370-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 613    | mg/kg |
| RY370-D      | 10FC-RY370-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | SILVER        | 1.0                 | Y           | J             |              | J         | 1.0                 | mg/kg | 0.36   | mg/kg |
| RY370-D      | 10FC-RY370-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 178    | mg/kg |
| RY370-D      | 10FC-RY370-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY370-D      | 10FC-RY370-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | ANTIMONY      | 6.0                 | N           | UJ            |              | UJ        | 6.0                 | mg/kg | 6.2    | mg/kg |
| RY370-D      | 10FC-RY370-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | ARSENIC       | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 2.7    | mg/kg |
| RY370-D      | 10FC-RY370-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | BARIUM        | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 95.1   | mg/kg |
| RY370-D      | 10FC-RY370-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | BERYLLIUM     | 0.50                | Y           | U             |              | 0.5U      | 0.50                | mg/kg | 0.5    | mg/kg |
| RY370-D      | 10FC-RY370-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | CADMIUM       | 0.50                | N           | U             |              | U         | 0.50                | mg/kg | 0.52   | mg/kg |
| RY370-D      | 10FC-RY370-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | CHROMIUM      | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 5      | mg/kg |
| RY370-D      | 10FC-RY370-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | COBALT        | 5.0                 | Y           | J             |              | J         | 5.0                 | mg/kg | 2.5    | mg/kg |
| RY370-D      | 10FC-RY370-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 6      | mg/kg |
| RY370-D      | 10FC-RY370-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | VANADIUM      | 5.0                 | Y           | J             |              | J         | 5.0                 | mg/kg | 4.4    | mg/kg |
| RY370-D      | 10FC-RY370-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 17.7   | mg/kg |
| RY370-D      | 10FC-RY370-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 2220   | mg/kg |
| RY370-D      | 10FC-RY370-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.73   | mg/kg |
| RY370-D      | 10FC-RY370-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | ALUMINUM      | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 4960   | mg/kg |
| RY370-D      | 10FC-RY370-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | IRON          | 10.0                | Y           |               |              |           | 10.0                | mg/kg | 8280   | mg/kg |
| RY370-D      | 10FC-RY370-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | LEAD          | 1.0                 | Y           | J+            |              | J+        | 1.0                 | mg/kg | 3.1    | mg/kg |
| RY370-D      | 10FC-RY370-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3000   | mg/kg |
| RY370-D      | 10FC-RY370-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 168    | mg/kg |
| RY370-D      | 10FC-RY370-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | NICKEL        | 4.0                 | Y           |               |              |           | 4.0                 | mg/kg | 4.3    | mg/kg |
| RY370-D      | 10FC-RY370-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 721    | mg/kg |
| RY370-D      | 10FC-RY370-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | SILVER        | 1.0                 | Y           | J             |              | J         | 1.0                 | mg/kg | 0.37   | mg/kg |
| RY370-D      | 10FC-RY370-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 173    | mg/kg |
| RY370-D      | 10FC-RY370-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.7    | mg/kg |
| RY370-D      | 10FC-RY370-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | ANTIMONY      | 6.0                 | N           | UJ            |              | UJ        | 6.0                 | mg/kg | 6.4    | mg/kg |
| RY370-D      | 10FC-RY370-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | ARSENIC       | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 2.6    | mg/kg |
| RY370-D      | 10FC-RY370-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | BARIUM        | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 78.4   | mg/kg |
| RY370-D      | 10FC-RY370-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | BERYLLIUM     | 0.50                | Y           | U             |              | 0.5U      | 0.50                | mg/kg | 0.5    | mg/kg |
| RY370-D      | 10FC-RY370-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | CADMIUM       | 0.50                | Y           | U             |              | 0.5U      | 0.50                | mg/kg | 0.5    | mg/kg |
| RY370-D      | 10FC-RY370-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | CHROMIUM      | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 4.3    | mg/kg |
| RY370-D      | 10FC-RY370-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | COBALT        | 5.0                 | Y           | J             |              | J         | 5.0                 | mg/kg | 2.2    | mg/kg |
| RY370-D      | 10FC-RY370-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 5.6    | mg/kg |
| RY370-D      | 10FC-RY370-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | VANADIUM      | 5.0                 | Y           | J             |              | J         | 5.0                 | mg/kg | 5.3    | mg/kg |
| RY370-D      | 10FC-RY370-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 16.9   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY370-D      | 10FC-RY370-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 2050   | mg/kg |
| RY370-D      | 10FC-RY370-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.5    | mg/kg |
| RY370-D      | 10FC-RY370-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | ALUMINUM      | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 3480   | mg/kg |
| RY370-D      | 10FC-RY370-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | IRON          | 10.0                | Y           |               |              |           | 10.0                | mg/kg | 5840   | mg/kg |
| RY370-D      | 10FC-RY370-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | LEAD          | 1.0                 | Y           | J+            | J+           |           | 1.0                 | mg/kg | 3.1    | mg/kg |
| RY370-D      | 10FC-RY370-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2370   | mg/kg |
| RY370-D      | 10FC-RY370-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 132    | mg/kg |
| RY370-D      | 10FC-RY370-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | NICKEL        | 4.0                 | Y           | J             |              | J         | 4.0                 | mg/kg | 4      | mg/kg |
| RY370-D      | 10FC-RY370-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 590    | mg/kg |
| RY370-D      | 10FC-RY370-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | SILVER        | 1.0                 | Y           | J             |              | J         | 1.0                 | mg/kg | 0.23   | mg/kg |
| RY370-D      | 10FC-RY370-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | SODIUM        | 500                 | Y           | J             | J            | J         | 500                 | mg/kg | 143    | mg/kg |
| RY370-D      | 10FC-RY370-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY370-D      | 10FC-RY370-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | ANTIMONY      | 6.0                 | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 6.3    | mg/kg |
| RY370-D      | 10FC-RY370-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | ARSENIC       | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 3.1    | mg/kg |
| RY370-D      | 10FC-RY370-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | BARIUM        | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 77.1   | mg/kg |
| RY370-D      | 10FC-RY370-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | BERYLLIUM     | 0.50                | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY370-D      | 10FC-RY370-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | CADMIUM       | 0.50                | N           | U             |              | U         | 0.50                | mg/kg | 0.53   | mg/kg |
| RY370-D      | 10FC-RY370-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | CHROMIUM      | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 3.3    | mg/kg |
| RY370-D      | 10FC-RY370-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | COBALT        | 5.0                 | Y           | J             |              | J         | 5.0                 | mg/kg | 2.3    | mg/kg |
| RY370-D      | 10FC-RY370-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 4.9    | mg/kg |
| RY370-D      | 10FC-RY370-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | VANADIUM      | 5.0                 | Y           | J             |              | J         | 5.0                 | mg/kg | 3.9    | mg/kg |
| RY370-D      | 10FC-RY370-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 16.1   | mg/kg |
| RY370-D      | 10FC-RY370-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 1790   | mg/kg |
| RY370-D      | 10FC-RY370-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.7    | mg/kg |
| RY370-E      | 10FC-RY370-E-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | ALUMINUM      | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 6890   | mg/kg |
| RY370-E      | 10FC-RY370-E-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | IRON          | 10.0                | Y           |               |              |           | 10.0                | mg/kg | 9270   | mg/kg |
| RY370-E      | 10FC-RY370-E-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | LEAD          | 1.0                 | Y           | J+            | J+           |           | 1.0                 | mg/kg | 23.1   | mg/kg |
| RY370-E      | 10FC-RY370-E-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3600   | mg/kg |
| RY370-E      | 10FC-RY370-E-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 236    | mg/kg |
| RY370-E      | 10FC-RY370-E-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | NICKEL        | 4.0                 | Y           |               |              |           | 4.0                 | mg/kg | 7      | mg/kg |
| RY370-E      | 10FC-RY370-E-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1790   | mg/kg |
| RY370-E      | 10FC-RY370-E-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | SILVER        | 1.0                 | Y           | J             |              | J         | 1.0                 | mg/kg | 0.42   | mg/kg |
| RY370-E      | 10FC-RY370-E-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | SODIUM        | 500                 | Y           | J             | J            | J         | 500                 | mg/kg | 288    | mg/kg |
| RY370-E      | 10FC-RY370-E-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY370-E      | 10FC-RY370-E-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | ANTIMONY      | 6.0                 | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 6.4    | mg/kg |
| RY370-E      | 10FC-RY370-E-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | ARSENIC       | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 4.6    | mg/kg |
| RY370-E      | 10FC-RY370-E-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | BARIUM        | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 113    | mg/kg |
| RY370-E      | 10FC-RY370-E-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | BERYLLIUM     | 0.50                | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY370-E      | 10FC-RY370-E-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | CADMIUM       | 0.50                | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY370-E      | 10FC-RY370-E-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | CHROMIUM      | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 8.2    | mg/kg |
| RY370-E      | 10FC-RY370-E-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | COBALT        | 5.0                 | Y           | J             |              | J         | 5.0                 | mg/kg | 4.9    | mg/kg |
| RY370-E      | 10FC-RY370-E-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 6.4    | mg/kg |
| RY370-E      | 10FC-RY370-E-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | VANADIUM      | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 9.2    | mg/kg |
| RY370-E      | 10FC-RY370-E-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 23.5   | mg/kg |
| RY370-E      | 10FC-RY370-E-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 5320   | mg/kg |
| RY370-E      | 10FC-RY370-E-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.53   | mg/kg |
| RY370-E      | 10FC-RY370-E-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | ALUMINUM      | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 6470   | mg/kg |
| RY370-E      | 10FC-RY370-E-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | IRON          | 10.0                | Y           |               |              |           | 10.0                | mg/kg | 8910   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY370-E      | 10FC-RY370-E-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | LEAD          | 1.0                 | Y           | J+            | J+           |           | 1.0                 | mg/kg | 5.2    | mg/kg |
| RY370-E      | 10FC-RY370-E-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2340   | mg/kg |
| RY370-E      | 10FC-RY370-E-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 154    | mg/kg |
| RY370-E      | 10FC-RY370-E-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | NICKEL        | 4.0                 | Y           |               |              |           | 4.0                 | mg/kg | 7      | mg/kg |
| RY370-E      | 10FC-RY370-E-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 998    | mg/kg |
| RY370-E      | 10FC-RY370-E-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | SILVER        | 1.0                 | Y           | J             |              | J         | 1.0                 | mg/kg | 0.46   | mg/kg |
| RY370-E      | 10FC-RY370-E-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | SODIUM        | 500                 | Y           | J             | J            | J         | 500                 | mg/kg | 165    | mg/kg |
| RY370-E      | 10FC-RY370-E-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.8    | mg/kg |
| RY370-E      | 10FC-RY370-E-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | ANTIMONY      | 6.0                 | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 6.7    | mg/kg |
| RY370-E      | 10FC-RY370-E-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | ARSENIC       | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 4.9    | mg/kg |
| RY370-E      | 10FC-RY370-E-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | BARIUM        | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 70.8   | mg/kg |
| RY370-E      | 10FC-RY370-E-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | BERYLLIUM     | 0.50                | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY370-E      | 10FC-RY370-E-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | CADMIUM       | 0.50                | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY370-E      | 10FC-RY370-E-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | CHROMIUM      | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 3.3    | mg/kg |
| RY370-E      | 10FC-RY370-E-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | COBALT        | 5.0                 | Y           | J             |              | J         | 5.0                 | mg/kg | 3.8    | mg/kg |
| RY370-E      | 10FC-RY370-E-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 7.8    | mg/kg |
| RY370-E      | 10FC-RY370-E-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | VANADIUM      | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 5.8    | mg/kg |
| RY370-E      | 10FC-RY370-E-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 17.3   | mg/kg |
| RY370-E      | 10FC-RY370-E-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 1930   | mg/kg |
| RY370-E      | 10FC-RY370-E-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.48   | mg/kg |
| RY370-E      | 10FC-RY370-E-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | ALUMINUM      | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 7170   | mg/kg |
| RY370-E      | 10FC-RY370-E-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | IRON          | 10.0                | Y           |               |              |           | 10.0                | mg/kg | 10300  | mg/kg |
| RY370-E      | 10FC-RY370-E-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | LEAD          | 1.0                 | Y           | J+            | J+           |           | 1.0                 | mg/kg | 4.4    | mg/kg |
| RY370-E      | 10FC-RY370-E-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3540   | mg/kg |
| RY370-E      | 10FC-RY370-E-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 187    | mg/kg |
| RY370-E      | 10FC-RY370-E-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | NICKEL        | 4.0                 | Y           |               |              |           | 4.0                 | mg/kg | 7.3    | mg/kg |
| RY370-E      | 10FC-RY370-E-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1210   | mg/kg |
| RY370-E      | 10FC-RY370-E-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | SILVER        | 1.0                 | Y           | J             |              | J         | 1.0                 | mg/kg | 0.45   | mg/kg |
| RY370-E      | 10FC-RY370-E-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | SODIUM        | 500                 | Y           | J             | J            | J         | 500                 | mg/kg | 151    | mg/kg |
| RY370-E      | 10FC-RY370-E-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.8    | mg/kg |
| RY370-E      | 10FC-RY370-E-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | ANTIMONY      | 6.0                 | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 6.7    | mg/kg |
| RY370-E      | 10FC-RY370-E-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | ARSENIC       | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 3.5    | mg/kg |
| RY370-E      | 10FC-RY370-E-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | BARIUM        | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 62.4   | mg/kg |
| RY370-E      | 10FC-RY370-E-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | BERYLLIUM     | 0.50                | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY370-E      | 10FC-RY370-E-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | CADMIUM       | 0.50                | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY370-E      | 10FC-RY370-E-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | CHROMIUM      | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 5.2    | mg/kg |
| RY370-E      | 10FC-RY370-E-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | COBALT        | 5.0                 | Y           | J             |              | J         | 5.0                 | mg/kg | 4.4    | mg/kg |
| RY370-E      | 10FC-RY370-E-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 6.7    | mg/kg |
| RY370-E      | 10FC-RY370-E-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | VANADIUM      | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 7.3    | mg/kg |
| RY370-E      | 10FC-RY370-E-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 18.3   | mg/kg |
| RY370-E      | 10FC-RY370-E-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 1830   | mg/kg |
| RY370-E      | 10FC-RY370-E-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.9    | mg/kg |
| RY370-F      | 10FC-RY370-F-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | ALUMINUM      | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 4590   | mg/kg |
| RY370-F      | 10FC-RY370-F-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | IRON          | 10.0                | Y           |               |              |           | 10.0                | mg/kg | 6640   | mg/kg |
| RY370-F      | 10FC-RY370-F-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | LEAD          | 1.0                 | Y           | J+            | J+           |           | 1.0                 | mg/kg | 6.3    | mg/kg |
| RY370-F      | 10FC-RY370-F-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2130   | mg/kg |
| RY370-F      | 10FC-RY370-F-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 177    | mg/kg |
| RY370-F      | 10FC-RY370-F-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | NICKEL        | 4.0                 | Y           |               |              |           | 4.0                 | mg/kg | 5.1    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY370-F      | 10FC-RY370-F-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | POTASSIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 1030   | mg/kg |
| RY370-F      | 10FC-RY370-F-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | SILVER        | 1.0           | Y           | J             |              | J         | 1.0                 | mg/kg | 0.28   | mg/kg |
| RY370-F      | 10FC-RY370-F-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | SODIUM        | 500           | Y           | J             | J            | J         | 500                 | mg/kg | 136    | mg/kg |
| RY370-F      | 10FC-RY370-F-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.8    | mg/kg |
| RY370-F      | 10FC-RY370-F-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | ANTIMONY      | 6.0           | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 6.8    | mg/kg |
| RY370-F      | 10FC-RY370-F-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | ARSENIC       | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 3.5    | mg/kg |
| RY370-F      | 10FC-RY370-F-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | BARIUM        | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 64.5   | mg/kg |
| RY370-F      | 10FC-RY370-F-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | BERYLLIUM     | 0.50          | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY370-F      | 10FC-RY370-F-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | CADMIUM       | 0.50          | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY370-F      | 10FC-RY370-F-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | CHROMIUM      | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 3      | mg/kg |
| RY370-F      | 10FC-RY370-F-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | COBALT        | 5.0           | Y           | J             |              | J         | 5.0                 | mg/kg | 2.8    | mg/kg |
| RY370-F      | 10FC-RY370-F-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | COPPER        | 2.5           | Y           |               |              |           | 2.5                 | mg/kg | 6.7    | mg/kg |
| RY370-F      | 10FC-RY370-F-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | VANADIUM      | 5.0           | Y           | J             |              | J         | 5.0                 | mg/kg | 5.5    | mg/kg |
| RY370-F      | 10FC-RY370-F-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | ZINC          | 6.0           | Y           |               |              |           | 6.0                 | mg/kg | 19.5   | mg/kg |
| RY370-F      | 10FC-RY370-F-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | CALCIUM       | 500           | Y           |               |              |           | 500                 | mg/kg | 1350   | mg/kg |
| RY370-F      | 10FC-RY370-F-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | SELENIUM      | 3.5           | N           | U             |              | U         | 3.5                 | mg/kg | 4      | mg/kg |
| RY370-F      | 10FC-RY370-F-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | ALUMINUM      | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 7300   | mg/kg |
| RY370-F      | 10FC-RY370-F-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | IRON          | 10.0          | Y           |               |              |           | 10.0                | mg/kg | 11600  | mg/kg |
| RY370-F      | 10FC-RY370-F-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | LEAD          | 1.0           | Y           | J+            | J+           |           | 1.0                 | mg/kg | 9.8    | mg/kg |
| RY370-F      | 10FC-RY370-F-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | MAGNESIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 3440   | mg/kg |
| RY370-F      | 10FC-RY370-F-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | MANGANESE     | 1.5           | Y           |               |              |           | 1.5                 | mg/kg | 372    | mg/kg |
| RY370-F      | 10FC-RY370-F-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | NICKEL        | 4.0           | Y           |               |              |           | 4.0                 | mg/kg | 9.6    | mg/kg |
| RY370-F      | 10FC-RY370-F-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | POTASSIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 1680   | mg/kg |
| RY370-F      | 10FC-RY370-F-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | SILVER        | 1.0           | Y           | J             |              | J         | 1.0                 | mg/kg | 0.45   | mg/kg |
| RY370-F      | 10FC-RY370-F-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | SODIUM        | 500           | Y           | J             | J            | J         | 500                 | mg/kg | 148    | mg/kg |
| RY370-F      | 10FC-RY370-F-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 3      | mg/kg |
| RY370-F      | 10FC-RY370-F-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | ANTIMONY      | 6.0           | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 7.1    | mg/kg |
| RY370-F      | 10FC-RY370-F-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | ARSENIC       | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 5.2    | mg/kg |
| RY370-F      | 10FC-RY370-F-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | BARIUM        | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 113    | mg/kg |
| RY370-F      | 10FC-RY370-F-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | BERYLLIUM     | 0.50          | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY370-F      | 10FC-RY370-F-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | CADMIUM       | 0.50          | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY370-F      | 10FC-RY370-F-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | CHROMIUM      | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 5.3    | mg/kg |
| RY370-F      | 10FC-RY370-F-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | COBALT        | 5.0           | Y           |               |              |           | 5.0                 | mg/kg | 6.5    | mg/kg |
| RY370-F      | 10FC-RY370-F-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | COPPER        | 2.5           | Y           |               |              |           | 2.5                 | mg/kg | 10.2   | mg/kg |
| RY370-F      | 10FC-RY370-F-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | VANADIUM      | 5.0           | Y           |               |              |           | 5.0                 | mg/kg | 10.6   | mg/kg |
| RY370-F      | 10FC-RY370-F-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | ZINC          | 6.0           | Y           |               |              |           | 6.0                 | mg/kg | 33.9   | mg/kg |
| RY370-F      | 10FC-RY370-F-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | CALCIUM       | 500           | Y           |               |              |           | 500                 | mg/kg | 2420   | mg/kg |
| RY370-F      | 10FC-RY370-F-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | SELENIUM      | 3.5           | Y           | J             |              | J         | 3.5                 | mg/kg | 0.44   | mg/kg |
| RY370-F      | 10FC-RY370-F-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | ALUMINUM      | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 6550   | mg/kg |
| RY370-F      | 10FC-RY370-F-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | IRON          | 10.0          | Y           |               |              |           | 10.0                | mg/kg | 9990   | mg/kg |
| RY370-F      | 10FC-RY370-F-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | LEAD          | 1.0           | Y           | J+            | J+           |           | 1.0                 | mg/kg | 7.2    | mg/kg |
| RY370-F      | 10FC-RY370-F-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | MAGNESIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 3080   | mg/kg |
| RY370-F      | 10FC-RY370-F-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | MANGANESE     | 1.5           | Y           |               |              |           | 1.5                 | mg/kg | 350    | mg/kg |
| RY370-F      | 10FC-RY370-F-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | NICKEL        | 4.0           | Y           |               |              |           | 4.0                 | mg/kg | 8.5    | mg/kg |
| RY370-F      | 10FC-RY370-F-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | POTASSIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 1470   | mg/kg |
| RY370-F      | 10FC-RY370-F-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | SILVER        | 1.0           | Y           | J             |              | J         | 1.0                 | mg/kg | 0.41   | mg/kg |
| RY370-F      | 10FC-RY370-F-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | SODIUM        | 500           | Y           | J             | J            | J         | 500                 | mg/kg | 157    | mg/kg |
| RY370-F      | 10FC-RY370-F-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY370-F      | 10FC-RY370-F-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | ANTIMONY      | 6.0                 | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 6.3    | mg/kg |
| RY370-F      | 10FC-RY370-F-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | ARSENIC       | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 3.8    | mg/kg |
| RY370-F      | 10FC-RY370-F-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | BARIUM        | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 92.3   | mg/kg |
| RY370-F      | 10FC-RY370-F-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | BERYLLIUM     | 0.50                | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY370-F      | 10FC-RY370-F-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | CADMIUM       | 0.50                | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY370-F      | 10FC-RY370-F-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | CHROMIUM      | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 4.6    | mg/kg |
| RY370-F      | 10FC-RY370-F-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | COBALT        | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 5.2    | mg/kg |
| RY370-F      | 10FC-RY370-F-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 7.9    | mg/kg |
| RY370-F      | 10FC-RY370-F-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | VANADIUM      | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 8.2    | mg/kg |
| RY370-F      | 10FC-RY370-F-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 26.1   | mg/kg |
| RY370-F      | 10FC-RY370-F-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 1680   | mg/kg |
| RY370-F      | 10FC-RY370-F-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.7    | mg/kg |
| RY374-A      | 10FC-RY374-A-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | ALUMINUM      | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 5770   | mg/kg |
| RY374-A      | 10FC-RY374-A-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | IRON          | 10.0                | Y           |               |              |           | 10.0                | mg/kg | 6630   | mg/kg |
| RY374-A      | 10FC-RY374-A-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | LEAD          | 1.0                 | Y           | J+            | J+           |           | 1.0                 | mg/kg | 26.1   | mg/kg |
| RY374-A      | 10FC-RY374-A-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1940   | mg/kg |
| RY374-A      | 10FC-RY374-A-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 208    | mg/kg |
| RY374-A      | 10FC-RY374-A-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | NICKEL        | 4.0                 | Y           |               |              |           | 4.0                 | mg/kg | 4.7    | mg/kg |
| RY374-A      | 10FC-RY374-A-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1080   | mg/kg |
| RY374-A      | 10FC-RY374-A-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | SILVER        | 1.0                 | Y           | J             |              | J         | 1.0                 | mg/kg | 0.3    | mg/kg |
| RY374-A      | 10FC-RY374-A-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | SODIUM        | 500                 | Y           | J             | J            | J         | 500                 | mg/kg | 206    | mg/kg |
| RY374-A      | 10FC-RY374-A-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.8    | mg/kg |
| RY374-A      | 10FC-RY374-A-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | ANTIMONY      | 6.0                 | Y           | J             | J            | J         | 6.0                 | mg/kg | 1.1    | mg/kg |
| RY374-A      | 10FC-RY374-A-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | ARSENIC       | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 3.2    | mg/kg |
| RY374-A      | 10FC-RY374-A-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | BARIUM        | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 77.7   | mg/kg |
| RY374-A      | 10FC-RY374-A-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | BERYLLIUM     | 0.50                | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY374-A      | 10FC-RY374-A-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | CADMIUM       | 0.50                | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY374-A      | 10FC-RY374-A-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | CHROMIUM      | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 4.6    | mg/kg |
| RY374-A      | 10FC-RY374-A-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | COBALT        | 5.0                 | Y           | J             |              | J         | 5.0                 | mg/kg | 2.8    | mg/kg |
| RY374-A      | 10FC-RY374-A-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 6.7    | mg/kg |
| RY374-A      | 10FC-RY374-A-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | VANADIUM      | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 9.1    | mg/kg |
| RY374-A      | 10FC-RY374-A-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 48.5   | mg/kg |
| RY374-A      | 10FC-RY374-A-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 1610   | mg/kg |
| RY374-A      | 10FC-RY374-A-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.5    | mg/kg |
| RY374-A      | 10FC-RY374-A-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | ALUMINUM      | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 5220   | mg/kg |
| RY374-A      | 10FC-RY374-A-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | IRON          | 10.0                | Y           |               |              |           | 10.0                | mg/kg | 5970   | mg/kg |
| RY374-A      | 10FC-RY374-A-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | LEAD          | 1.0                 | Y           | J+            | J+           |           | 1.0                 | mg/kg | 21.3   | mg/kg |
| RY374-A      | 10FC-RY374-A-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1660   | mg/kg |
| RY374-A      | 10FC-RY374-A-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 178    | mg/kg |
| RY374-A      | 10FC-RY374-A-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | NICKEL        | 4.0                 | Y           | J             |              | J         | 4.0                 | mg/kg | 4      | mg/kg |
| RY374-A      | 10FC-RY374-A-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 958    | mg/kg |
| RY374-A      | 10FC-RY374-A-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | SILVER        | 1.0                 | Y           | J             |              | J         | 1.0                 | mg/kg | 0.25   | mg/kg |
| RY374-A      | 10FC-RY374-A-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | SODIUM        | 500                 | Y           | J             | J            | J         | 500                 | mg/kg | 203    | mg/kg |
| RY374-A      | 10FC-RY374-A-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.7    | mg/kg |
| RY374-A      | 10FC-RY374-A-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | ANTIMONY      | 6.0                 | Y           | J             | J            | J         | 6.0                 | mg/kg | 0.61   | mg/kg |
| RY374-A      | 10FC-RY374-A-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | ARSENIC       | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 3.2    | mg/kg |
| RY374-A      | 10FC-RY374-A-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | BARIUM        | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 69.6   | mg/kg |
| RY374-A      | 10FC-RY374-A-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | BERYLLIUM     | 0.50                | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |

## Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY374-A      | 10FC-RY374-A-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | CADMIUM       | 0.50          | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY374-A      | 10FC-RY374-A-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | CHROMIUM      | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 3.9    | mg/kg |
| RY374-A      | 10FC-RY374-A-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | COBALT        | 5.0           | Y           | J             |              | J         | 5.0                 | mg/kg | 2.4    | mg/kg |
| RY374-A      | 10FC-RY374-A-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | COPPER        | 2.5           | Y           |               |              |           | 2.5                 | mg/kg | 5.7    | mg/kg |
| RY374-A      | 10FC-RY374-A-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | VANADIUM      | 5.0           | Y           |               |              |           | 5.0                 | mg/kg | 8.4    | mg/kg |
| RY374-A      | 10FC-RY374-A-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | ZINC          | 6.0           | Y           |               |              |           | 6.0                 | mg/kg | 42.7   | mg/kg |
| RY374-A      | 10FC-RY374-A-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | CALCIUM       | 500           | Y           |               |              |           | 500                 | mg/kg | 1440   | mg/kg |
| RY374-A      | 10FC-RY374-A-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | SELENIUM      | 3.5           | N           | U             |              | U         | 3.5                 | mg/kg | 3.8    | mg/kg |
| RY374-A      | 10FC-RY374-A-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | ALUMINUM      | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 5210   | mg/kg |
| RY374-A      | 10FC-RY374-A-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | IRON          | 10.0          | Y           |               |              |           | 10.0                | mg/kg | 5850   | mg/kg |
| RY374-A      | 10FC-RY374-A-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | LEAD          | 1.0           | Y           | J+            | J+           |           | 1.0                 | mg/kg | 19.8   | mg/kg |
| RY374-A      | 10FC-RY374-A-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | MAGNESIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 1610   | mg/kg |
| RY374-A      | 10FC-RY374-A-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | MANGANESE     | 1.5           | Y           |               |              |           | 1.5                 | mg/kg | 176    | mg/kg |
| RY374-A      | 10FC-RY374-A-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | NICKEL        | 4.0           | Y           | J             |              | J         | 4.0                 | mg/kg | 4.1    | mg/kg |
| RY374-A      | 10FC-RY374-A-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | POTASSIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 960    | mg/kg |
| RY374-A      | 10FC-RY374-A-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | SILVER        | 1.0           | Y           | J             |              | J         | 1.0                 | mg/kg | 0.27   | mg/kg |
| RY374-A      | 10FC-RY374-A-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | SODIUM        | 500           | Y           | J             | J            | J         | 500                 | mg/kg | 182    | mg/kg |
| RY374-A      | 10FC-RY374-A-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.7    | mg/kg |
| RY374-A      | 10FC-RY374-A-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | ANTIMONY      | 6.0           | Y           | J             | J            | J         | 6.0                 | mg/kg | 0.63   | mg/kg |
| RY374-A      | 10FC-RY374-A-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | ARSENIC       | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 2.8    | mg/kg |
| RY374-A      | 10FC-RY374-A-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | BARIUM        | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 71.6   | mg/kg |
| RY374-A      | 10FC-RY374-A-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | BERYLLIUM     | 0.50          | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY374-A      | 10FC-RY374-A-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | CADMIUM       | 0.50          | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY374-A      | 10FC-RY374-A-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | CHROMIUM      | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 3.9    | mg/kg |
| RY374-A      | 10FC-RY374-A-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | COBALT        | 5.0           | Y           | J             |              | J         | 5.0                 | mg/kg | 2.5    | mg/kg |
| RY374-A      | 10FC-RY374-A-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | COPPER        | 2.5           | Y           |               |              |           | 2.5                 | mg/kg | 5.8    | mg/kg |
| RY374-A      | 10FC-RY374-A-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | VANADIUM      | 5.0           | Y           |               |              |           | 5.0                 | mg/kg | 8.3    | mg/kg |
| RY374-A      | 10FC-RY374-A-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | ZINC          | 6.0           | Y           |               |              |           | 6.0                 | mg/kg | 40.6   | mg/kg |
| RY374-A      | 10FC-RY374-A-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | CALCIUM       | 500           | Y           |               |              |           | 500                 | mg/kg | 1270   | mg/kg |
| RY374-A      | 10FC-RY374-A-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | SELENIUM      | 3.5           | N           | U             |              | U         | 3.5                 | mg/kg | 3.8    | mg/kg |
| RY374-B      | 10FC-RY374-B-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | ALUMINUM      | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 6080   | mg/kg |
| RY374-B      | 10FC-RY374-B-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | IRON          | 10.0          | Y           |               |              |           | 10.0                | mg/kg | 7520   | mg/kg |
| RY374-B      | 10FC-RY374-B-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | LEAD          | 1.0           | Y           | J+            | J+           |           | 1.0                 | mg/kg | 26.9   | mg/kg |
| RY374-B      | 10FC-RY374-B-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | MAGNESIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 2180   | mg/kg |
| RY374-B      | 10FC-RY374-B-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | MANGANESE     | 1.5           | Y           |               |              |           | 1.5                 | mg/kg | 150    | mg/kg |
| RY374-B      | 10FC-RY374-B-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | NICKEL        | 4.0           | Y           |               |              |           | 4.0                 | mg/kg | 5.4    | mg/kg |
| RY374-B      | 10FC-RY374-B-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | POTASSIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 1390   | mg/kg |
| RY374-B      | 10FC-RY374-B-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | SILVER        | 1.0           | Y           | J             |              | J         | 1.0                 | mg/kg | 0.32   | mg/kg |
| RY374-B      | 10FC-RY374-B-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | SODIUM        | 500           | Y           | J             | J            | J         | 500                 | mg/kg | 186    | mg/kg |
| RY374-B      | 10FC-RY374-B-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.7    | mg/kg |
| RY374-B      | 10FC-RY374-B-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | ANTIMONY      | 6.0           | Y           | J             | J            | J         | 6.0                 | mg/kg | 0.43   | mg/kg |
| RY374-B      | 10FC-RY374-B-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | ARSENIC       | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 2.6    | mg/kg |
| RY374-B      | 10FC-RY374-B-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | BARIUM        | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 87.6   | mg/kg |
| RY374-B      | 10FC-RY374-B-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | BERYLLIUM     | 0.50          | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY374-B      | 10FC-RY374-B-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | CADMIUM       | 0.50          | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY374-B      | 10FC-RY374-B-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | CHROMIUM      | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 5.5    | mg/kg |
| RY374-B      | 10FC-RY374-B-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | COBALT        | 5.0           | Y           | J             |              | J         | 5.0                 | mg/kg | 3.1    | mg/kg |
| RY374-B      | 10FC-RY374-B-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | COPPER        | 2.5           | Y           |               |              |           | 2.5                 | mg/kg | 11     | mg/kg |



## Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY374-B      | 10FC-RY374-B-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | VANADIUM      | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 10.5   | mg/kg |
| RY374-B      | 10FC-RY374-B-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 47.8   | mg/kg |
| RY374-B      | 10FC-RY374-B-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 1370   | mg/kg |
| RY374-B      | 10FC-RY374-B-000002 | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.43   | mg/kg |
| RY374-B      | 10FC-RY374-B-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | ALUMINUM      | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 4330   | mg/kg |
| RY374-B      | 10FC-RY374-B-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | IRON          | 10.0                | Y           |               |              |           | 10.0                | mg/kg | 5460   | mg/kg |
| RY374-B      | 10FC-RY374-B-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | LEAD          | 1.0                 | Y           | J+            |              | J+        | 1.0                 | mg/kg | 20.8   | mg/kg |
| RY374-B      | 10FC-RY374-B-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1560   | mg/kg |
| RY374-B      | 10FC-RY374-B-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 141    | mg/kg |
| RY374-B      | 10FC-RY374-B-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | NICKEL        | 4.0                 | Y           | J             |              | J         | 4.0                 | mg/kg | 3.9    | mg/kg |
| RY374-B      | 10FC-RY374-B-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 967    | mg/kg |
| RY374-B      | 10FC-RY374-B-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | SILVER        | 1.0                 | Y           | J             |              | J         | 1.0                 | mg/kg | 0.22   | mg/kg |
| RY374-B      | 10FC-RY374-B-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 72.6   | mg/kg |
| RY374-B      | 10FC-RY374-B-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.7    | mg/kg |
| RY374-B      | 10FC-RY374-B-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | ANTIMONY      | 6.0                 | N           | UJ            |              | UJ        | 6.0                 | mg/kg | 6.5    | mg/kg |
| RY374-B      | 10FC-RY374-B-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | ARSENIC       | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 1.9    | mg/kg |
| RY374-B      | 10FC-RY374-B-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | BARIUM        | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 69.2   | mg/kg |
| RY374-B      | 10FC-RY374-B-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | BERYLLIUM     | 0.50                | Y           | U             |              | 0.5U      | 0.50                | mg/kg | 0.5    | mg/kg |
| RY374-B      | 10FC-RY374-B-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | CADMIUM       | 0.50                | Y           | U             |              | 0.5U      | 0.50                | mg/kg | 0.5    | mg/kg |
| RY374-B      | 10FC-RY374-B-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | CHROMIUM      | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 4      | mg/kg |
| RY374-B      | 10FC-RY374-B-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | COBALT        | 5.0                 | Y           | J             |              | J         | 5.0                 | mg/kg | 2.2    | mg/kg |
| RY374-B      | 10FC-RY374-B-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 8.7    | mg/kg |
| RY374-B      | 10FC-RY374-B-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | VANADIUM      | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 7.5    | mg/kg |
| RY374-B      | 10FC-RY374-B-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 39.5   | mg/kg |
| RY374-B      | 10FC-RY374-B-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 1210   | mg/kg |
| RY374-B      | 10FC-RY374-B-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.8    | mg/kg |
| RY374-B      | 10FC-RY374-B-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | ALUMINUM      | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 4660   | mg/kg |
| RY374-B      | 10FC-RY374-B-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | IRON          | 10.0                | Y           |               |              |           | 10.0                | mg/kg | 6180   | mg/kg |
| RY374-B      | 10FC-RY374-B-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | LEAD          | 1.0                 | Y           | J+            |              | J+        | 1.0                 | mg/kg | 21.6   | mg/kg |
| RY374-B      | 10FC-RY374-B-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1730   | mg/kg |
| RY374-B      | 10FC-RY374-B-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 151    | mg/kg |
| RY374-B      | 10FC-RY374-B-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | NICKEL        | 4.0                 | Y           |               |              |           | 4.0                 | mg/kg | 4.5    | mg/kg |
| RY374-B      | 10FC-RY374-B-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1090   | mg/kg |
| RY374-B      | 10FC-RY374-B-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | SILVER        | 1.0                 | Y           | J             |              | J         | 1.0                 | mg/kg | 0.31   | mg/kg |
| RY374-B      | 10FC-RY374-B-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 103    | mg/kg |
| RY374-B      | 10FC-RY374-B-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.7    | mg/kg |
| RY374-B      | 10FC-RY374-B-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | ANTIMONY      | 6.0                 | Y           | J             |              | J         | 6.0                 | mg/kg | 0.74   | mg/kg |
| RY374-B      | 10FC-RY374-B-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | ARSENIC       | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 1.9    | mg/kg |
| RY374-B      | 10FC-RY374-B-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | BARIUM        | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 73.3   | mg/kg |
| RY374-B      | 10FC-RY374-B-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | BERYLLIUM     | 0.50                | Y           | U             |              | 0.5U      | 0.50                | mg/kg | 0.5    | mg/kg |
| RY374-B      | 10FC-RY374-B-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | CADMIUM       | 0.50                | Y           | U             |              | 0.5U      | 0.50                | mg/kg | 0.5    | mg/kg |
| RY374-B      | 10FC-RY374-B-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | CHROMIUM      | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 4.3    | mg/kg |
| RY374-B      | 10FC-RY374-B-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | COBALT        | 5.0                 | Y           | J             |              | J         | 5.0                 | mg/kg | 2.8    | mg/kg |
| RY374-B      | 10FC-RY374-B-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 8.7    | mg/kg |
| RY374-B      | 10FC-RY374-B-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | VANADIUM      | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 8.6    | mg/kg |
| RY374-B      | 10FC-RY374-B-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 42.3   | mg/kg |
| RY374-B      | 10FC-RY374-B-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 1290   | mg/kg |
| RY374-B      | 10FC-RY374-B-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.54   | mg/kg |

## Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code       | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-----------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                       |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY374-B      | 10FC-RY374-B-006012-D | 7/6/2010    | FD          | 6           | 12        | in         | C200.7          | 10/23/2010    | ALUMINUM      | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 4530   | mg/kg |
| RY374-B      | 10FC-RY374-B-006012-D | 7/6/2010    | FD          | 6           | 12        | in         | C200.7          | 10/23/2010    | IRON          | 10.0          | Y           |               |              |           | 10.0                | mg/kg | 5740   | mg/kg |
| RY374-B      | 10FC-RY374-B-006012-D | 7/6/2010    | FD          | 6           | 12        | in         | C200.7          | 10/23/2010    | LEAD          | 1.0           | Y           | J+            | J+           |           | 1.0                 | mg/kg | 21     | mg/kg |
| RY374-B      | 10FC-RY374-B-006012-D | 7/6/2010    | FD          | 6           | 12        | in         | C200.7          | 10/23/2010    | MAGNESIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 1630   | mg/kg |
| RY374-B      | 10FC-RY374-B-006012-D | 7/6/2010    | FD          | 6           | 12        | in         | C200.7          | 10/23/2010    | MANGANESE     | 1.5           | Y           |               |              |           | 1.5                 | mg/kg | 152    | mg/kg |
| RY374-B      | 10FC-RY374-B-006012-D | 7/6/2010    | FD          | 6           | 12        | in         | C200.7          | 10/23/2010    | NICKEL        | 4.0           | Y           | J             |              | J         | 4.0                 | mg/kg | 4.1    | mg/kg |
| RY374-B      | 10FC-RY374-B-006012-D | 7/6/2010    | FD          | 6           | 12        | in         | C200.7          | 10/23/2010    | POTASSIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 1010   | mg/kg |
| RY374-B      | 10FC-RY374-B-006012-D | 7/6/2010    | FD          | 6           | 12        | in         | C200.7          | 10/23/2010    | SILVER        | 1.0           | Y           | J             |              | J         | 1.0                 | mg/kg | 0.22   | mg/kg |
| RY374-B      | 10FC-RY374-B-006012-D | 7/6/2010    | FD          | 6           | 12        | in         | C200.7          | 10/23/2010    | SODIUM        | 500           | Y           | J             | J            | J         | 500                 | mg/kg | 175    | mg/kg |
| RY374-B      | 10FC-RY374-B-006012-D | 7/6/2010    | FD          | 6           | 12        | in         | C200.7          | 10/23/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.7    | mg/kg |
| RY374-B      | 10FC-RY374-B-006012-D | 7/6/2010    | FD          | 6           | 12        | in         | C200.7          | 10/23/2010    | ANTIMONY      | 6.0           | Y           | J             | J            | J         | 6.0                 | mg/kg | 0.37   | mg/kg |
| RY374-B      | 10FC-RY374-B-006012-D | 7/6/2010    | FD          | 6           | 12        | in         | C200.7          | 10/23/2010    | ARSENIC       | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 2      | mg/kg |
| RY374-B      | 10FC-RY374-B-006012-D | 7/6/2010    | FD          | 6           | 12        | in         | C200.7          | 10/23/2010    | BARIIUM       | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 73.8   | mg/kg |
| RY374-B      | 10FC-RY374-B-006012-D | 7/6/2010    | FD          | 6           | 12        | in         | C200.7          | 10/23/2010    | BERYLLIUM     | 0.50          | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY374-B      | 10FC-RY374-B-006012-D | 7/6/2010    | FD          | 6           | 12        | in         | C200.7          | 10/23/2010    | CADMIUM       | 0.50          | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY374-B      | 10FC-RY374-B-006012-D | 7/6/2010    | FD          | 6           | 12        | in         | C200.7          | 10/23/2010    | CHROMIUM      | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 4.1    | mg/kg |
| RY374-B      | 10FC-RY374-B-006012-D | 7/6/2010    | FD          | 6           | 12        | in         | C200.7          | 10/23/2010    | COBALT        | 5.0           | Y           | J             |              | J         | 5.0                 | mg/kg | 2.4    | mg/kg |
| RY374-B      | 10FC-RY374-B-006012-D | 7/6/2010    | FD          | 6           | 12        | in         | C200.7          | 10/23/2010    | COPPER        | 2.5           | Y           |               |              |           | 2.5                 | mg/kg | 7.7    | mg/kg |
| RY374-B      | 10FC-RY374-B-006012-D | 7/6/2010    | FD          | 6           | 12        | in         | C200.7          | 10/23/2010    | VANADIUM      | 5.0           | Y           |               |              |           | 5.0                 | mg/kg | 7.7    | mg/kg |
| RY374-B      | 10FC-RY374-B-006012-D | 7/6/2010    | FD          | 6           | 12        | in         | C200.7          | 10/23/2010    | ZINC          | 6.0           | Y           |               |              |           | 6.0                 | mg/kg | 39.8   | mg/kg |
| RY374-B      | 10FC-RY374-B-006012-D | 7/6/2010    | FD          | 6           | 12        | in         | C200.7          | 10/23/2010    | CALCIUM       | 500           | Y           |               |              |           | 500                 | mg/kg | 1190   | mg/kg |
| RY374-B      | 10FC-RY374-B-006012-D | 7/6/2010    | FD          | 6           | 12        | in         | C200.7          | 10/23/2010    | SELENIUM      | 3.5           | N           | U             |              | U         | 3.5                 | mg/kg | 3.8    | mg/kg |
| RY374-C      | 10FC-RY374-C-000002   | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | ALUMINUM      | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 3760   | mg/kg |
| RY374-C      | 10FC-RY374-C-000002   | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | IRON          | 10.0          | Y           |               |              |           | 10.0                | mg/kg | 4920   | mg/kg |
| RY374-C      | 10FC-RY374-C-000002   | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | LEAD          | 1.0           | Y           | J+            | J+           |           | 1.0                 | mg/kg | 45.4   | mg/kg |
| RY374-C      | 10FC-RY374-C-000002   | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | MAGNESIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 1350   | mg/kg |
| RY374-C      | 10FC-RY374-C-000002   | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | MANGANESE     | 1.5           | Y           |               |              |           | 1.5                 | mg/kg | 133    | mg/kg |
| RY374-C      | 10FC-RY374-C-000002   | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | NICKEL        | 4.0           | Y           | J             |              | J         | 4.0                 | mg/kg | 3.5    | mg/kg |
| RY374-C      | 10FC-RY374-C-000002   | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | POTASSIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 795    | mg/kg |
| RY374-C      | 10FC-RY374-C-000002   | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | SILVER        | 1.0           | Y           | J             |              | J         | 1.0                 | mg/kg | 0.24   | mg/kg |
| RY374-C      | 10FC-RY374-C-000002   | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | SODIUM        | 500           | Y           | J             | J            | J         | 500                 | mg/kg | 196    | mg/kg |
| RY374-C      | 10FC-RY374-C-000002   | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.9    | mg/kg |
| RY374-C      | 10FC-RY374-C-000002   | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | ANTIMONY      | 6.0           | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 7      | mg/kg |
| RY374-C      | 10FC-RY374-C-000002   | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | ARSENIC       | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 2.4    | mg/kg |
| RY374-C      | 10FC-RY374-C-000002   | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | BARIIUM       | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 61.9   | mg/kg |
| RY374-C      | 10FC-RY374-C-000002   | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | BERYLLIUM     | 0.50          | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY374-C      | 10FC-RY374-C-000002   | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | CADMIUM       | 0.50          | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY374-C      | 10FC-RY374-C-000002   | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | CHROMIUM      | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 3.8    | mg/kg |
| RY374-C      | 10FC-RY374-C-000002   | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | COBALT        | 5.0           | Y           | J             |              | J         | 5.0                 | mg/kg | 1.8    | mg/kg |
| RY374-C      | 10FC-RY374-C-000002   | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | COPPER        | 2.5           | Y           |               |              |           | 2.5                 | mg/kg | 6.5    | mg/kg |
| RY374-C      | 10FC-RY374-C-000002   | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | VANADIUM      | 5.0           | Y           |               |              |           | 5.0                 | mg/kg | 6.5    | mg/kg |
| RY374-C      | 10FC-RY374-C-000002   | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | ZINC          | 6.0           | Y           |               |              |           | 6.0                 | mg/kg | 46.8   | mg/kg |
| RY374-C      | 10FC-RY374-C-000002   | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | CALCIUM       | 500           | Y           |               |              |           | 500                 | mg/kg | 1260   | mg/kg |
| RY374-C      | 10FC-RY374-C-000002   | 7/6/2010    | N           | 0           | 2         | in         | C200.7          | 10/23/2010    | SELENIUM      | 3.5           | N           | U             |              | U         | 3.5                 | mg/kg | 4.1    | mg/kg |
| RY374-C      | 10FC-RY374-C-002006   | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | ALUMINUM      | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 5390   | mg/kg |
| RY374-C      | 10FC-RY374-C-002006   | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | IRON          | 10.0          | Y           |               |              |           | 10.0                | mg/kg | 6950   | mg/kg |
| RY374-C      | 10FC-RY374-C-002006   | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | LEAD          | 1.0           | Y           | J+            | J+           |           | 1.0                 | mg/kg | 31.1   | mg/kg |
| RY374-C      | 10FC-RY374-C-002006   | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | MAGNESIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 1810   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY374-C      | 10FC-RY374-C-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 204    | mg/kg |
| RY374-C      | 10FC-RY374-C-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | NICKEL        | 4.0                 | Y           |               |              |           | 4.0                 | mg/kg | 4.8    | mg/kg |
| RY374-C      | 10FC-RY374-C-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1000   | mg/kg |
| RY374-C      | 10FC-RY374-C-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | SILVER        | 1.0                 | Y           | J             |              | J         | 1.0                 | mg/kg | 0.31   | mg/kg |
| RY374-C      | 10FC-RY374-C-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | SODIUM        | 500                 | Y           | J             | J            | J         | 500                 | mg/kg | 218    | mg/kg |
| RY374-C      | 10FC-RY374-C-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.9    | mg/kg |
| RY374-C      | 10FC-RY374-C-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | ANTIMONY      | 6.0                 | Y           | J             | J            | J         | 6.0                 | mg/kg | 0.61   | mg/kg |
| RY374-C      | 10FC-RY374-C-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | ARSENIC       | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 2.8    | mg/kg |
| RY374-C      | 10FC-RY374-C-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | BARIUM        | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 83.5   | mg/kg |
| RY374-C      | 10FC-RY374-C-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | BERYLLIUM     | 0.50                | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY374-C      | 10FC-RY374-C-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | CADMIUM       | 0.50                | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY374-C      | 10FC-RY374-C-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | CHROMIUM      | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 4.4    | mg/kg |
| RY374-C      | 10FC-RY374-C-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | COBALT        | 5.0                 | Y           | J             |              | J         | 5.0                 | mg/kg | 2.7    | mg/kg |
| RY374-C      | 10FC-RY374-C-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 8.8    | mg/kg |
| RY374-C      | 10FC-RY374-C-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | VANADIUM      | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 8.3    | mg/kg |
| RY374-C      | 10FC-RY374-C-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 74.7   | mg/kg |
| RY374-C      | 10FC-RY374-C-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 1500   | mg/kg |
| RY374-C      | 10FC-RY374-C-002006 | 7/6/2010    | N           | 2           | 6         | in         | C200.7          | 10/23/2010    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 4.1    | mg/kg |
| RY374-C      | 10FC-RY374-C-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | ALUMINUM      | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 6870   | mg/kg |
| RY374-C      | 10FC-RY374-C-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | IRON          | 10.0                | Y           |               |              |           | 10.0                | mg/kg | 8480   | mg/kg |
| RY374-C      | 10FC-RY374-C-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | LEAD          | 1.0                 | Y           | J+            | J+           |           | 1.0                 | mg/kg | 30.6   | mg/kg |
| RY374-C      | 10FC-RY374-C-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2310   | mg/kg |
| RY374-C      | 10FC-RY374-C-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 246    | mg/kg |
| RY374-C      | 10FC-RY374-C-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | NICKEL        | 4.0                 | Y           |               |              |           | 4.0                 | mg/kg | 4.7    | mg/kg |
| RY374-C      | 10FC-RY374-C-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1210   | mg/kg |
| RY374-C      | 10FC-RY374-C-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | SILVER        | 1.0                 | Y           | J             |              | J         | 1.0                 | mg/kg | 0.53   | mg/kg |
| RY374-C      | 10FC-RY374-C-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | SODIUM        | 500                 | Y           | J             | J            | J         | 500                 | mg/kg | 295    | mg/kg |
| RY374-C      | 10FC-RY374-C-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.9    | mg/kg |
| RY374-C      | 10FC-RY374-C-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | ANTIMONY      | 6.0                 | Y           | J             | J            | J         | 6.0                 | mg/kg | 0.5    | mg/kg |
| RY374-C      | 10FC-RY374-C-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | ARSENIC       | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 2.6    | mg/kg |
| RY374-C      | 10FC-RY374-C-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | BARIUM        | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 109    | mg/kg |
| RY374-C      | 10FC-RY374-C-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | BERYLLIUM     | 0.50                | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY374-C      | 10FC-RY374-C-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | CADMIUM       | 0.50                | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY374-C      | 10FC-RY374-C-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | CHROMIUM      | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 5.2    | mg/kg |
| RY374-C      | 10FC-RY374-C-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | COBALT        | 5.0                 | Y           | J             |              | J         | 5.0                 | mg/kg | 2.7    | mg/kg |
| RY374-C      | 10FC-RY374-C-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 8.8    | mg/kg |
| RY374-C      | 10FC-RY374-C-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | VANADIUM      | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 9.5    | mg/kg |
| RY374-C      | 10FC-RY374-C-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 77.7   | mg/kg |
| RY374-C      | 10FC-RY374-C-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 1750   | mg/kg |
| RY374-C      | 10FC-RY374-C-006012 | 7/6/2010    | N           | 6           | 12        | in         | C200.7          | 10/23/2010    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.34   | mg/kg |
| RY592-A      | 10FC-RY592-A-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ALUMINUM      | 20.7                | Y           |               |              |           | 20.7                | mg/kg | 8920   | mg/kg |
| RY592-A      | 10FC-RY592-A-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | IRON          | 10.4                | Y           |               |              |           | 10.4                | mg/kg | 12000  | mg/kg |
| RY592-A      | 10FC-RY592-A-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | LEAD          | 1.0                 | Y           | J             | J            |           | 1.0                 | mg/kg | 7      | mg/kg |
| RY592-A      | 10FC-RY592-A-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | MAGNESIUM     | 518                 | Y           |               |              |           | 518                 | mg/kg | 2650   | mg/kg |
| RY592-A      | 10FC-RY592-A-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | MANGANESE     | 1.6                 | Y           |               |              |           | 1.6                 | mg/kg | 307    | mg/kg |
| RY592-A      | 10FC-RY592-A-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | NICKEL        | 4.1                 | Y           |               |              |           | 4.1                 | mg/kg | 7.6    | mg/kg |
| RY592-A      | 10FC-RY592-A-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | POTASSIUM     | 518                 | Y           |               |              |           | 518                 | mg/kg | 1250   | mg/kg |
| RY592-A      | 10FC-RY592-A-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | SILVER        | 1.0                 | N           | U             |              | U         | 1.0                 | mg/kg | 1      | mg/kg |

## Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY592-A      | 10FC-RY592-A-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | SODIUM        | 518           | Y           | J             |              | J         | 518                 | mg/kg | 313    | mg/kg |
| RY592-A      | 10FC-RY592-A-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | THALLIUM      | 2.6           | N           | U             |              | U         | 2.6                 | mg/kg | 2.6    | mg/kg |
| RY592-A      | 10FC-RY592-A-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ANTIMONY      | 6.2           | Y           | J             | J            | J         | 6.2                 | mg/kg | 0.38   | mg/kg |
| RY592-A      | 10FC-RY592-A-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ARSENIC       | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 3.4    | mg/kg |
| RY592-A      | 10FC-RY592-A-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | BARIUM        | 20.7          | Y           |               |              |           | 20.7                | mg/kg | 130    | mg/kg |
| RY592-A      | 10FC-RY592-A-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | BERYLLIUM     | 0.52          | Y           | J             |              | J         | 0.52                | mg/kg | 0.47   | mg/kg |
| RY592-A      | 10FC-RY592-A-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | CADMIUM       | 0.52          | Y           | J             |              | J         | 0.52                | mg/kg | 0.05   | mg/kg |
| RY592-A      | 10FC-RY592-A-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | CHROMIUM      | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 7.6    | mg/kg |
| RY592-A      | 10FC-RY592-A-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | COBALT        | 5.2           | Y           |               |              |           | 5.2                 | mg/kg | 5.3    | mg/kg |
| RY592-A      | 10FC-RY592-A-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | COPPER        | 2.6           | Y           |               |              |           | 2.6                 | mg/kg | 9.1    | mg/kg |
| RY592-A      | 10FC-RY592-A-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | VANADIUM      | 5.2           | Y           |               |              |           | 5.2                 | mg/kg | 20.9   | mg/kg |
| RY592-A      | 10FC-RY592-A-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ZINC          | 6.2           | Y           |               |              |           | 6.2                 | mg/kg | 26.1   | mg/kg |
| RY592-A      | 10FC-RY592-A-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | CALCIUM       | 518           | Y           |               |              |           | 518                 | mg/kg | 1880   | mg/kg |
| RY592-A      | 10FC-RY592-A-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | SELENIUM      | 3.6           | N           | U             |              | U         | 3.6                 | mg/kg | 3.6    | mg/kg |
| RY592-A      | 10FC-RY592-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ALUMINUM      | 12.9          | Y           |               |              |           | 12.9                | mg/kg | 6800   | mg/kg |
| RY592-A      | 10FC-RY592-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | IRON          | 6.4           | Y           |               |              |           | 6.4                 | mg/kg | 9050   | mg/kg |
| RY592-A      | 10FC-RY592-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | LEAD          | 0.64          | Y           | J             | J            |           | 0.64                | mg/kg | 5.6    | mg/kg |
| RY592-A      | 10FC-RY592-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | MAGNESIUM     | 321           | Y           |               |              |           | 321                 | mg/kg | 2150   | mg/kg |
| RY592-A      | 10FC-RY592-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | MANGANESE     | 0.96          | Y           |               |              |           | 0.96                | mg/kg | 242    | mg/kg |
| RY592-A      | 10FC-RY592-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | NICKEL        | 2.6           | Y           |               |              |           | 2.6                 | mg/kg | 5.5    | mg/kg |
| RY592-A      | 10FC-RY592-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | POTASSIUM     | 321           | Y           |               |              |           | 321                 | mg/kg | 867    | mg/kg |
| RY592-A      | 10FC-RY592-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | SILVER        | 0.64          | N           | U             |              | U         | 0.64                | mg/kg | 0.64   | mg/kg |
| RY592-A      | 10FC-RY592-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | SODIUM        | 321           | Y           | J             |              | J         | 321                 | mg/kg | 150    | mg/kg |
| RY592-A      | 10FC-RY592-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | THALLIUM      | 1.6           | N           | U             |              | U         | 1.6                 | mg/kg | 1.6    | mg/kg |
| RY592-A      | 10FC-RY592-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ANTIMONY      | 3.9           | Y           | J             | J            | J         | 3.9                 | mg/kg | 0.52   | mg/kg |
| RY592-A      | 10FC-RY592-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ARSENIC       | 0.64          | Y           |               |              |           | 0.64                | mg/kg | 2.7    | mg/kg |
| RY592-A      | 10FC-RY592-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | BARIUM        | 12.9          | Y           |               |              |           | 12.9                | mg/kg | 104    | mg/kg |
| RY592-A      | 10FC-RY592-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | BERYLLIUM     | 0.32          | Y           |               |              |           | 0.32                | mg/kg | 0.34   | mg/kg |
| RY592-A      | 10FC-RY592-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | CADMIUM       | 0.32          | Y           | J             |              | J         | 0.32                | mg/kg | 0.04   | mg/kg |
| RY592-A      | 10FC-RY592-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | CHROMIUM      | 0.64          | Y           |               |              |           | 0.64                | mg/kg | 5.6    | mg/kg |
| RY592-A      | 10FC-RY592-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | COBALT        | 3.2           | Y           |               |              |           | 3.2                 | mg/kg | 3.9    | mg/kg |
| RY592-A      | 10FC-RY592-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | COPPER        | 1.6           | Y           |               |              |           | 1.6                 | mg/kg | 7.1    | mg/kg |
| RY592-A      | 10FC-RY592-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | VANADIUM      | 3.2           | Y           |               |              |           | 3.2                 | mg/kg | 15.3   | mg/kg |
| RY592-A      | 10FC-RY592-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ZINC          | 3.9           | Y           |               |              |           | 3.9                 | mg/kg | 21     | mg/kg |
| RY592-A      | 10FC-RY592-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | CALCIUM       | 321           | Y           |               |              |           | 321                 | mg/kg | 1500   | mg/kg |
| RY592-A      | 10FC-RY592-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | SELENIUM      | 2.2           | N           | U             |              | U         | 2.2                 | mg/kg | 2.2    | mg/kg |
| RY592-A      | 10FC-RY592-A-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | ALUMINUM      | 12.4          | Y           |               |              |           | 12.4                | mg/kg | 6970   | mg/kg |
| RY592-A      | 10FC-RY592-A-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | IRON          | 6.2           | Y           |               |              |           | 6.2                 | mg/kg | 9640   | mg/kg |
| RY592-A      | 10FC-RY592-A-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | LEAD          | 0.62          | Y           | J             | J            |           | 0.62                | mg/kg | 5.9    | mg/kg |
| RY592-A      | 10FC-RY592-A-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | MAGNESIUM     | 310           | Y           |               |              |           | 310                 | mg/kg | 2300   | mg/kg |
| RY592-A      | 10FC-RY592-A-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | MANGANESE     | 0.93          | Y           |               |              |           | 0.93                | mg/kg | 245    | mg/kg |
| RY592-A      | 10FC-RY592-A-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | NICKEL        | 2.5           | Y           |               |              |           | 2.5                 | mg/kg | 6.1    | mg/kg |
| RY592-A      | 10FC-RY592-A-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | POTASSIUM     | 310           | Y           |               |              |           | 310                 | mg/kg | 829    | mg/kg |
| RY592-A      | 10FC-RY592-A-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | SILVER        | 0.62          | N           | U             |              | U         | 0.62                | mg/kg | 0.62   | mg/kg |
| RY592-A      | 10FC-RY592-A-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | SODIUM        | 310           | Y           | J             |              | J         | 310                 | mg/kg | 167    | mg/kg |
| RY592-A      | 10FC-RY592-A-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | THALLIUM      | 1.5           | N           | U             |              | U         | 1.5                 | mg/kg | 1.5    | mg/kg |
| RY592-A      | 10FC-RY592-A-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | ANTIMONY      | 3.7           | Y           | J             | J            | J         | 3.7                 | mg/kg | 0.37   | mg/kg |
| RY592-A      | 10FC-RY592-A-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | ARSENIC       | 0.62          | Y           |               |              |           | 0.62                | mg/kg | 2.9    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY592-A      | 10FC-RY592-A-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | BARIUM        | 12.4          | Y           |               |              |           | 12.4                | mg/kg | 104    | mg/kg |
| RY592-A      | 10FC-RY592-A-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | BERYLLIUM     | 0.31          | Y           |               |              |           | 0.31                | mg/kg | 0.38   | mg/kg |
| RY592-A      | 10FC-RY592-A-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | CADMIUM       | 0.31          | Y           | J             |              | J         | 0.31                | mg/kg | 0.04   | mg/kg |
| RY592-A      | 10FC-RY592-A-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | CHROMIUM      | 0.62          | Y           |               |              |           | 0.62                | mg/kg | 6.3    | mg/kg |
| RY592-A      | 10FC-RY592-A-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | COBALT        | 3.1           | Y           |               |              |           | 3.1                 | mg/kg | 4.2    | mg/kg |
| RY592-A      | 10FC-RY592-A-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | COPPER        | 1.5           | Y           |               |              |           | 1.5                 | mg/kg | 7.7    | mg/kg |
| RY592-A      | 10FC-RY592-A-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | VANADIUM      | 3.1           | Y           |               |              |           | 3.1                 | mg/kg | 15.8   | mg/kg |
| RY592-A      | 10FC-RY592-A-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | ZINC          | 3.7           | Y           |               |              |           | 3.7                 | mg/kg | 22     | mg/kg |
| RY592-A      | 10FC-RY592-A-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | CALCIUM       | 310           | Y           |               |              |           | 310                 | mg/kg | 1580   | mg/kg |
| RY592-A      | 10FC-RY592-A-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | SELENIUM      | 2.2           | N           | U             |              | U         | 2.2                 | mg/kg | 2.2    | mg/kg |
| RY592-B      | 10FC-RY592-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ALUMINUM      | 12.1          | Y           |               |              |           | 12.1                | mg/kg | 8750   | mg/kg |
| RY592-B      | 10FC-RY592-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | IRON          | 6.1           | Y           |               |              |           | 6.1                 | mg/kg | 11600  | mg/kg |
| RY592-B      | 10FC-RY592-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | LEAD          | 0.61          | Y           | J             |              | J         | 0.61                | mg/kg | 7.7    | mg/kg |
| RY592-B      | 10FC-RY592-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | MAGNESIUM     | 303           | Y           |               |              |           | 303                 | mg/kg | 3170   | mg/kg |
| RY592-B      | 10FC-RY592-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | MANGANESE     | 0.91          | Y           |               |              |           | 0.91                | mg/kg | 335    | mg/kg |
| RY592-B      | 10FC-RY592-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | NICKEL        | 2.4           | Y           |               |              |           | 2.4                 | mg/kg | 8      | mg/kg |
| RY592-B      | 10FC-RY592-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | POTASSIUM     | 303           | Y           |               |              |           | 303                 | mg/kg | 2060   | mg/kg |
| RY592-B      | 10FC-RY592-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | SILVER        | 0.61          | N           | U             |              | U         | 0.61                | mg/kg | 0.61   | mg/kg |
| RY592-B      | 10FC-RY592-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | SODIUM        | 303           | Y           | J             |              | J         | 303                 | mg/kg | 219    | mg/kg |
| RY592-B      | 10FC-RY592-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | THALLIUM      | 1.5           | N           | U             |              | U         | 1.5                 | mg/kg | 1.5    | mg/kg |
| RY592-B      | 10FC-RY592-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ANTIMONY      | 3.6           | Y           | J             |              | J         | 3.6                 | mg/kg | 0.49   | mg/kg |
| RY592-B      | 10FC-RY592-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ARSENIC       | 0.61          | Y           |               |              |           | 0.61                | mg/kg | 3      | mg/kg |
| RY592-B      | 10FC-RY592-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | BARIUM        | 12.1          | Y           |               |              |           | 12.1                | mg/kg | 155    | mg/kg |
| RY592-B      | 10FC-RY592-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | BERYLLIUM     | 0.30          | Y           |               |              |           | 0.30                | mg/kg | 0.49   | mg/kg |
| RY592-B      | 10FC-RY592-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | CADMIUM       | 0.30          | Y           | J             |              | J         | 0.30                | mg/kg | 0.07   | mg/kg |
| RY592-B      | 10FC-RY592-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | CHROMIUM      | 0.61          | Y           |               |              |           | 0.61                | mg/kg | 8      | mg/kg |
| RY592-B      | 10FC-RY592-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | COBALT        | 3.0           | Y           |               |              |           | 3.0                 | mg/kg | 5.6    | mg/kg |
| RY592-B      | 10FC-RY592-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | COPPER        | 1.5           | Y           |               |              |           | 1.5                 | mg/kg | 11.5   | mg/kg |
| RY592-B      | 10FC-RY592-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | VANADIUM      | 3.0           | Y           |               |              |           | 3.0                 | mg/kg | 14.6   | mg/kg |
| RY592-B      | 10FC-RY592-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ZINC          | 3.6           | Y           |               |              |           | 3.6                 | mg/kg | 30.7   | mg/kg |
| RY592-B      | 10FC-RY592-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | CALCIUM       | 303           | Y           |               |              |           | 303                 | mg/kg | 2190   | mg/kg |
| RY592-B      | 10FC-RY592-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | SELENIUM      | 2.1           | N           | U             |              | U         | 2.1                 | mg/kg | 2.1    | mg/kg |
| RY592-B      | 10FC-RY592-B-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ALUMINUM      | 12.8          | Y           |               |              |           | 12.8                | mg/kg | 8230   | mg/kg |
| RY592-B      | 10FC-RY592-B-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | IRON          | 6.4           | Y           |               |              |           | 6.4                 | mg/kg | 10700  | mg/kg |
| RY592-B      | 10FC-RY592-B-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | LEAD          | 0.64          | Y           | J             |              | J         | 0.64                | mg/kg | 7      | mg/kg |
| RY592-B      | 10FC-RY592-B-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | MAGNESIUM     | 321           | Y           |               |              |           | 321                 | mg/kg | 2940   | mg/kg |
| RY592-B      | 10FC-RY592-B-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | MANGANESE     | 0.96          | Y           |               |              |           | 0.96                | mg/kg | 334    | mg/kg |
| RY592-B      | 10FC-RY592-B-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | NICKEL        | 2.6           | Y           |               |              |           | 2.6                 | mg/kg | 7.4    | mg/kg |
| RY592-B      | 10FC-RY592-B-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | POTASSIUM     | 321           | Y           |               |              |           | 321                 | mg/kg | 1820   | mg/kg |
| RY592-B      | 10FC-RY592-B-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | SILVER        | 0.64          | N           | U             |              | U         | 0.64                | mg/kg | 0.64   | mg/kg |
| RY592-B      | 10FC-RY592-B-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | SODIUM        | 321           | Y           | J             |              | J         | 321                 | mg/kg | 193    | mg/kg |
| RY592-B      | 10FC-RY592-B-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | THALLIUM      | 1.6           | N           | U             |              | U         | 1.6                 | mg/kg | 1.6    | mg/kg |
| RY592-B      | 10FC-RY592-B-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ANTIMONY      | 3.9           | Y           | J             |              | J         | 3.9                 | mg/kg | 0.43   | mg/kg |
| RY592-B      | 10FC-RY592-B-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ARSENIC       | 0.64          | Y           |               |              |           | 0.64                | mg/kg | 2.8    | mg/kg |
| RY592-B      | 10FC-RY592-B-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | BARIUM        | 12.8          | Y           |               |              |           | 12.8                | mg/kg | 161    | mg/kg |
| RY592-B      | 10FC-RY592-B-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | BERYLLIUM     | 0.32          | Y           |               |              |           | 0.32                | mg/kg | 0.46   | mg/kg |
| RY592-B      | 10FC-RY592-B-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | CADMIUM       | 0.32          | Y           | J             |              | J         | 0.32                | mg/kg | 0.06   | mg/kg |
| RY592-B      | 10FC-RY592-B-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | CHROMIUM      | 0.64          | Y           |               |              |           | 0.64                | mg/kg | 7.3    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code       | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|-----------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                       |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY592-B      | 10FC-RY592-B-002006   | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | COBALT        | 3.2           | Y           |               |              |           | 3.2           | mg/kg | 5.3    | mg/kg |
| RY592-B      | 10FC-RY592-B-002006   | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | COPPER        | 1.6           | Y           |               |              |           | 1.6           | mg/kg | 10.3   | mg/kg |
| RY592-B      | 10FC-RY592-B-002006   | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | VANADIUM      | 3.2           | Y           |               |              |           | 3.2           | mg/kg | 13.3   | mg/kg |
| RY592-B      | 10FC-RY592-B-002006   | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ZINC          | 3.9           | Y           |               |              |           | 3.9           | mg/kg | 28.2   | mg/kg |
| RY592-B      | 10FC-RY592-B-002006   | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | CALCIUM       | 321           | Y           |               |              |           | 321           | mg/kg | 2090   | mg/kg |
| RY592-B      | 10FC-RY592-B-002006   | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | SELENIUM      | 2.2           | N           | U             |              | U         | 2.2           | mg/kg | 2.2    | mg/kg |
| RY592-B      | 10FC-RY592-B-006012   | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | ALUMINUM      | 13.4          | Y           |               |              |           | 13.4          | mg/kg | 9410   | mg/kg |
| RY592-B      | 10FC-RY592-B-006012   | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | IRON          | 6.7           | Y           |               |              |           | 6.7           | mg/kg | 11600  | mg/kg |
| RY592-B      | 10FC-RY592-B-006012   | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | LEAD          | 0.67          | Y           | J             | J            |           | 0.67          | mg/kg | 4.7    | mg/kg |
| RY592-B      | 10FC-RY592-B-006012   | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | MAGNESIUM     | 335           | Y           |               |              |           | 335           | mg/kg | 3100   | mg/kg |
| RY592-B      | 10FC-RY592-B-006012   | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | MANGANESE     | 1.0           | Y           |               |              |           | 1.0           | mg/kg | 378    | mg/kg |
| RY592-B      | 10FC-RY592-B-006012   | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | NICKEL        | 2.7           | Y           |               |              |           | 2.7           | mg/kg | 5.1    | mg/kg |
| RY592-B      | 10FC-RY592-B-006012   | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | POTASSIUM     | 335           | Y           |               |              |           | 335           | mg/kg | 1870   | mg/kg |
| RY592-B      | 10FC-RY592-B-006012   | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | SILVER        | 0.67          | N           | U             |              | U         | 0.67          | mg/kg | 0.67   | mg/kg |
| RY592-B      | 10FC-RY592-B-006012   | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | SODIUM        | 335           | Y           | J             |              | J         | 335           | mg/kg | 232    | mg/kg |
| RY592-B      | 10FC-RY592-B-006012   | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | THALLIUM      | 1.7           | N           | U             |              | U         | 1.7           | mg/kg | 1.7    | mg/kg |
| RY592-B      | 10FC-RY592-B-006012   | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | ANTIMONY      | 4.0           | Y           | J             | J            | J         | 4.0           | mg/kg | 0.28   | mg/kg |
| RY592-B      | 10FC-RY592-B-006012   | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | ARSENIC       | 0.67          | Y           |               |              |           | 0.67          | mg/kg | 2.2    | mg/kg |
| RY592-B      | 10FC-RY592-B-006012   | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | BARIUM        | 13.4          | Y           |               |              |           | 13.4          | mg/kg | 174    | mg/kg |
| RY592-B      | 10FC-RY592-B-006012   | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | BERYLLIUM     | 0.34          | Y           |               |              |           | 0.34          | mg/kg | 0.52   | mg/kg |
| RY592-B      | 10FC-RY592-B-006012   | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | CADMIUM       | 0.34          | Y           | J             |              | J         | 0.34          | mg/kg | 0.03   | mg/kg |
| RY592-B      | 10FC-RY592-B-006012   | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | CHROMIUM      | 0.67          | Y           |               |              |           | 0.67          | mg/kg | 8      | mg/kg |
| RY592-B      | 10FC-RY592-B-006012   | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | COBALT        | 3.4           | Y           |               |              |           | 3.4           | mg/kg | 3.7    | mg/kg |
| RY592-B      | 10FC-RY592-B-006012   | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | COPPER        | 1.7           | Y           |               |              |           | 1.7           | mg/kg | 10.7   | mg/kg |
| RY592-B      | 10FC-RY592-B-006012   | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | VANADIUM      | 3.4           | Y           |               |              |           | 3.4           | mg/kg | 14.1   | mg/kg |
| RY592-B      | 10FC-RY592-B-006012   | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | ZINC          | 4.0           | Y           |               |              |           | 4.0           | mg/kg | 30.5   | mg/kg |
| RY592-B      | 10FC-RY592-B-006012   | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | CALCIUM       | 335           | Y           |               |              |           | 335           | mg/kg | 2160   | mg/kg |
| RY592-B      | 10FC-RY592-B-006012   | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | SELENIUM      | 2.3           | Y           | J             |              | J         | 2.3           | mg/kg | 0.98   | mg/kg |
| RY592-B      | 10FC-RY592-B-006012-D | 7/28/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | ALUMINUM      | 12.1          | Y           |               |              |           | 12.1          | mg/kg | 9510   | mg/kg |
| RY592-B      | 10FC-RY592-B-006012-D | 7/28/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | IRON          | 6.1           | Y           |               |              |           | 6.1           | mg/kg | 11800  | mg/kg |
| RY592-B      | 10FC-RY592-B-006012-D | 7/28/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | LEAD          | 0.61          | Y           | J             | J            |           | 0.61          | mg/kg | 7.3    | mg/kg |
| RY592-B      | 10FC-RY592-B-006012-D | 7/28/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | MAGNESIUM     | 303           | Y           |               |              |           | 303           | mg/kg | 3170   | mg/kg |
| RY592-B      | 10FC-RY592-B-006012-D | 7/28/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | MANGANESE     | 0.91          | Y           |               |              |           | 0.91          | mg/kg | 386    | mg/kg |
| RY592-B      | 10FC-RY592-B-006012-D | 7/28/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | NICKEL        | 2.4           | Y           |               |              |           | 2.4           | mg/kg | 8.1    | mg/kg |
| RY592-B      | 10FC-RY592-B-006012-D | 7/28/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | POTASSIUM     | 303           | Y           |               |              |           | 303           | mg/kg | 1870   | mg/kg |
| RY592-B      | 10FC-RY592-B-006012-D | 7/28/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | SILVER        | 0.61          | N           | U             |              | U         | 0.61          | mg/kg | 0.61   | mg/kg |
| RY592-B      | 10FC-RY592-B-006012-D | 7/28/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | SODIUM        | 303           | Y           | J             |              | J         | 303           | mg/kg | 169    | mg/kg |
| RY592-B      | 10FC-RY592-B-006012-D | 7/28/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | THALLIUM      | 1.5           | N           | U             |              | U         | 1.5           | mg/kg | 1.5    | mg/kg |
| RY592-B      | 10FC-RY592-B-006012-D | 7/28/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | ANTIMONY      | 3.6           | Y           | J             | J            | J         | 3.6           | mg/kg | 0.38   | mg/kg |
| RY592-B      | 10FC-RY592-B-006012-D | 7/28/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | ARSENIC       | 0.61          | Y           |               |              |           | 0.61          | mg/kg | 2.6    | mg/kg |
| RY592-B      | 10FC-RY592-B-006012-D | 7/28/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | BARIUM        | 12.1          | Y           |               |              |           | 12.1          | mg/kg | 180    | mg/kg |
| RY592-B      | 10FC-RY592-B-006012-D | 7/28/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | BERYLLIUM     | 0.30          | Y           |               |              |           | 0.30          | mg/kg | 0.5    | mg/kg |
| RY592-B      | 10FC-RY592-B-006012-D | 7/28/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | CADMIUM       | 0.30          | Y           | J             |              | J         | 0.30          | mg/kg | 0.07   | mg/kg |
| RY592-B      | 10FC-RY592-B-006012-D | 7/28/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | CHROMIUM      | 0.61          | Y           |               |              |           | 0.61          | mg/kg | 7.9    | mg/kg |
| RY592-B      | 10FC-RY592-B-006012-D | 7/28/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | COBALT        | 3.0           | Y           |               |              |           | 3.0           | mg/kg | 5.7    | mg/kg |
| RY592-B      | 10FC-RY592-B-006012-D | 7/28/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | COPPER        | 1.5           | Y           |               |              |           | 1.5           | mg/kg | 11     | mg/kg |
| RY592-B      | 10FC-RY592-B-006012-D | 7/28/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | VANADIUM      | 3.0           | Y           |               |              |           | 3.0           | mg/kg | 13.9   | mg/kg |
| RY592-B      | 10FC-RY592-B-006012-D | 7/28/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | ZINC          | 3.6           | Y           |               |              |           | 3.6           | mg/kg | 31.3   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code       | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-----------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY592-B      | 10FC-RY592-B-006012-D | 7/28/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | CALCIUM       | 303                 | Y           |               |              |           | 303                 | mg/kg | 2290   | mg/kg |
| RY592-B      | 10FC-RY592-B-006012-D | 7/28/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | SELENIUM      | 2.1                 | N           | U             |              | U         | 2.1                 | mg/kg | 2.1    | mg/kg |
| RY592-C      | 10FC-RY592-C-000002   | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ALUMINUM      | 11.5                | Y           |               |              |           | 11.5                | mg/kg | 7420   | mg/kg |
| RY592-C      | 10FC-RY592-C-000002   | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | IRON          | 5.7                 | Y           |               |              |           | 5.7                 | mg/kg | 10100  | mg/kg |
| RY592-C      | 10FC-RY592-C-000002   | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | LEAD          | 0.57                | Y           | J             | J            |           | 0.57                | mg/kg | 6.5    | mg/kg |
| RY592-C      | 10FC-RY592-C-000002   | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | MAGNESIUM     | 287                 | Y           |               |              |           | 287                 | mg/kg | 2570   | mg/kg |
| RY592-C      | 10FC-RY592-C-000002   | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | MANGANESE     | 0.86                | Y           |               |              |           | 0.86                | mg/kg | 269    | mg/kg |
| RY592-C      | 10FC-RY592-C-000002   | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | NICKEL        | 2.3                 | Y           |               |              |           | 2.3                 | mg/kg | 6.7    | mg/kg |
| RY592-C      | 10FC-RY592-C-000002   | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | POTASSIUM     | 287                 | Y           |               |              |           | 287                 | mg/kg | 1360   | mg/kg |
| RY592-C      | 10FC-RY592-C-000002   | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | SILVER        | 0.57                | N           | U             |              | U         | 0.57                | mg/kg | 0.57   | mg/kg |
| RY592-C      | 10FC-RY592-C-000002   | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | SODIUM        | 287                 | Y           | J             |              | J         | 287                 | mg/kg | 172    | mg/kg |
| RY592-C      | 10FC-RY592-C-000002   | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | THALLIUM      | 1.4                 | N           | U             |              | U         | 1.4                 | mg/kg | 1.4    | mg/kg |
| RY592-C      | 10FC-RY592-C-000002   | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ANTIMONY      | 3.4                 | Y           | J             | J            | J         | 3.4                 | mg/kg | 0.27   | mg/kg |
| RY592-C      | 10FC-RY592-C-000002   | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ARSENIC       | 0.57                | Y           |               |              |           | 0.57                | mg/kg | 2.8    | mg/kg |
| RY592-C      | 10FC-RY592-C-000002   | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | BARIUM        | 11.5                | Y           |               |              |           | 11.5                | mg/kg | 122    | mg/kg |
| RY592-C      | 10FC-RY592-C-000002   | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | BERYLLIUM     | 0.29                | Y           |               |              |           | 0.29                | mg/kg | 0.4    | mg/kg |
| RY592-C      | 10FC-RY592-C-000002   | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | CADMIUM       | 0.29                | Y           | J             |              | J         | 0.29                | mg/kg | 0.06   | mg/kg |
| RY592-C      | 10FC-RY592-C-000002   | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | CHROMIUM      | 0.57                | Y           |               |              |           | 0.57                | mg/kg | 6.8    | mg/kg |
| RY592-C      | 10FC-RY592-C-000002   | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | COBALT        | 2.9                 | Y           |               |              |           | 2.9                 | mg/kg | 4.7    | mg/kg |
| RY592-C      | 10FC-RY592-C-000002   | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | COPPER        | 1.4                 | Y           |               |              |           | 1.4                 | mg/kg | 9.1    | mg/kg |
| RY592-C      | 10FC-RY592-C-000002   | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | VANADIUM      | 2.9                 | Y           |               |              |           | 2.9                 | mg/kg | 15.3   | mg/kg |
| RY592-C      | 10FC-RY592-C-000002   | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ZINC          | 3.4                 | Y           |               |              |           | 3.4                 | mg/kg | 25.1   | mg/kg |
| RY592-C      | 10FC-RY592-C-000002   | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | CALCIUM       | 287                 | Y           |               |              |           | 287                 | mg/kg | 1770   | mg/kg |
| RY592-C      | 10FC-RY592-C-000002   | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | SELENIUM      | 2.0                 | N           | U             |              | U         | 2.0                 | mg/kg | 2      | mg/kg |
| RY592-C      | 10FC-RY592-C-002006   | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ALUMINUM      | 13.2                | Y           |               |              |           | 13.2                | mg/kg | 8110   | mg/kg |
| RY592-C      | 10FC-RY592-C-002006   | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | IRON          | 6.6                 | Y           |               |              |           | 6.6                 | mg/kg | 11000  | mg/kg |
| RY592-C      | 10FC-RY592-C-002006   | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | LEAD          | 0.66                | Y           | J             | J            |           | 0.66                | mg/kg | 6.8    | mg/kg |
| RY592-C      | 10FC-RY592-C-002006   | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | MAGNESIUM     | 330                 | Y           |               |              |           | 330                 | mg/kg | 2910   | mg/kg |
| RY592-C      | 10FC-RY592-C-002006   | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | MANGANESE     | 0.99                | Y           |               |              |           | 0.99                | mg/kg | 293    | mg/kg |
| RY592-C      | 10FC-RY592-C-002006   | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | NICKEL        | 2.6                 | Y           |               |              |           | 2.6                 | mg/kg | 7.4    | mg/kg |
| RY592-C      | 10FC-RY592-C-002006   | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | POTASSIUM     | 330                 | Y           |               |              |           | 330                 | mg/kg | 1420   | mg/kg |
| RY592-C      | 10FC-RY592-C-002006   | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | SILVER        | 0.66                | N           | U             |              | U         | 0.66                | mg/kg | 0.66   | mg/kg |
| RY592-C      | 10FC-RY592-C-002006   | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | SODIUM        | 330                 | Y           | J             |              | J         | 330                 | mg/kg | 192    | mg/kg |
| RY592-C      | 10FC-RY592-C-002006   | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | THALLIUM      | 1.6                 | N           | U             |              | U         | 1.6                 | mg/kg | 1.6    | mg/kg |
| RY592-C      | 10FC-RY592-C-002006   | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ANTIMONY      | 4.0                 | Y           | J             | J            | J         | 4.0                 | mg/kg | 0.32   | mg/kg |
| RY592-C      | 10FC-RY592-C-002006   | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ARSENIC       | 0.66                | Y           |               |              |           | 0.66                | mg/kg | 3.2    | mg/kg |
| RY592-C      | 10FC-RY592-C-002006   | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | BARIUM        | 13.2                | Y           |               |              |           | 13.2                | mg/kg | 134    | mg/kg |
| RY592-C      | 10FC-RY592-C-002006   | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | BERYLLIUM     | 0.33                | Y           |               |              |           | 0.33                | mg/kg | 0.43   | mg/kg |
| RY592-C      | 10FC-RY592-C-002006   | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | CADMIUM       | 0.33                | Y           | J             |              | J         | 0.33                | mg/kg | 0.05   | mg/kg |
| RY592-C      | 10FC-RY592-C-002006   | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | CHROMIUM      | 0.66                | Y           |               |              |           | 0.66                | mg/kg | 7.6    | mg/kg |
| RY592-C      | 10FC-RY592-C-002006   | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | COBALT        | 3.3                 | Y           |               |              |           | 3.3                 | mg/kg | 5.1    | mg/kg |
| RY592-C      | 10FC-RY592-C-002006   | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | COPPER        | 1.6                 | Y           |               |              |           | 1.6                 | mg/kg | 10     | mg/kg |
| RY592-C      | 10FC-RY592-C-002006   | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | VANADIUM      | 3.3                 | Y           |               |              |           | 3.3                 | mg/kg | 15.6   | mg/kg |
| RY592-C      | 10FC-RY592-C-002006   | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ZINC          | 4.0                 | Y           |               |              |           | 4.0                 | mg/kg | 26.2   | mg/kg |
| RY592-C      | 10FC-RY592-C-002006   | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | CALCIUM       | 330                 | Y           |               |              |           | 330                 | mg/kg | 2010   | mg/kg |
| RY592-C      | 10FC-RY592-C-002006   | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | SELENIUM      | 2.3                 | N           | U             |              | U         | 2.3                 | mg/kg | 2.3    | mg/kg |
| RY592-C      | 10FC-RY592-C-006012   | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | ALUMINUM      | 11.9                | Y           |               |              |           | 11.9                | mg/kg | 7270   | mg/kg |
| RY592-C      | 10FC-RY592-C-006012   | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | IRON          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 9950   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY592-C      | 10FC-RY592-C-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | LEAD          | 0.60          | Y           | J             | J            |           | 0.60          | mg/kg | 6.1    | mg/kg |
| RY592-C      | 10FC-RY592-C-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | MAGNESIUM     | 298           | Y           |               |              |           | 298           | mg/kg | 2690   | mg/kg |
| RY592-C      | 10FC-RY592-C-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | MANGANESE     | 0.90          | Y           |               |              |           | 0.90          | mg/kg | 261    | mg/kg |
| RY592-C      | 10FC-RY592-C-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | NICKEL        | 2.4           | Y           |               |              |           | 2.4           | mg/kg | 6.7    | mg/kg |
| RY592-C      | 10FC-RY592-C-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | POTASSIUM     | 298           | Y           |               |              |           | 298           | mg/kg | 1260   | mg/kg |
| RY592-C      | 10FC-RY592-C-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | SILVER        | 0.60          | N           | U             |              | U         | 0.60          | mg/kg | 0.6    | mg/kg |
| RY592-C      | 10FC-RY592-C-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | SODIUM        | 298           | Y           | J             |              | J         | 298           | mg/kg | 156    | mg/kg |
| RY592-C      | 10FC-RY592-C-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | THALLIUM      | 1.5           | N           | U             |              | U         | 1.5           | mg/kg | 1.5    | mg/kg |
| RY592-C      | 10FC-RY592-C-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | ANTIMONY      | 3.6           | Y           | J             | J            | J         | 3.6           | mg/kg | 0.36   | mg/kg |
| RY592-C      | 10FC-RY592-C-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | ARSENIC       | 0.60          | Y           |               |              |           | 0.60          | mg/kg | 2.9    | mg/kg |
| RY592-C      | 10FC-RY592-C-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | BARIUM        | 11.9          | Y           |               |              |           | 11.9          | mg/kg | 120    | mg/kg |
| RY592-C      | 10FC-RY592-C-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | BERYLLIUM     | 0.30          | Y           |               |              |           | 0.30          | mg/kg | 0.42   | mg/kg |
| RY592-C      | 10FC-RY592-C-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | CADMIUM       | 0.30          | Y           | J             |              | J         | 0.30          | mg/kg | 0.05   | mg/kg |
| RY592-C      | 10FC-RY592-C-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | CHROMIUM      | 0.60          | Y           |               |              |           | 0.60          | mg/kg | 7      | mg/kg |
| RY592-C      | 10FC-RY592-C-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | COBALT        | 3.0           | Y           |               |              |           | 3.0           | mg/kg | 4.6    | mg/kg |
| RY592-C      | 10FC-RY592-C-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | COPPER        | 1.5           | Y           |               |              |           | 1.5           | mg/kg | 9.5    | mg/kg |
| RY592-C      | 10FC-RY592-C-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | VANADIUM      | 3.0           | Y           |               |              |           | 3.0           | mg/kg | 14.1   | mg/kg |
| RY592-C      | 10FC-RY592-C-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | ZINC          | 3.6           | Y           |               |              |           | 3.6           | mg/kg | 24     | mg/kg |
| RY592-C      | 10FC-RY592-C-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | CALCIUM       | 298           | Y           |               |              |           | 298           | mg/kg | 2090   | mg/kg |
| RY592-C      | 10FC-RY592-C-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | SELENIUM      | 2.1           | N           | U             |              | U         | 2.1           | mg/kg | 2.1    | mg/kg |
| RY592-D      | 10FC-RY592-D-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ALUMINUM      | 12.5          | Y           |               |              |           | 12.5          | mg/kg | 4330   | mg/kg |
| RY592-D      | 10FC-RY592-D-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | IRON          | 6.2           | Y           |               |              |           | 6.2           | mg/kg | 6820   | mg/kg |
| RY592-D      | 10FC-RY592-D-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | LEAD          | 0.62          | Y           | J             | J            | J         | 0.62          | mg/kg | 6.6    | mg/kg |
| RY592-D      | 10FC-RY592-D-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | MAGNESIUM     | 311           | Y           |               |              |           | 311           | mg/kg | 3880   | mg/kg |
| RY592-D      | 10FC-RY592-D-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | MANGANESE     | 0.93          | Y           |               |              |           | 0.93          | mg/kg | 193    | mg/kg |
| RY592-D      | 10FC-RY592-D-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | NICKEL        | 2.5           | Y           |               |              |           | 2.5           | mg/kg | 5.8    | mg/kg |
| RY592-D      | 10FC-RY592-D-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | POTASSIUM     | 311           | Y           |               |              |           | 311           | mg/kg | 351    | mg/kg |
| RY592-D      | 10FC-RY592-D-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | SILVER        | 0.62          | N           | U             |              | U         | 0.62          | mg/kg | 0.62   | mg/kg |
| RY592-D      | 10FC-RY592-D-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | SODIUM        | 311           | Y           | J             |              | J         | 311           | mg/kg | 133    | mg/kg |
| RY592-D      | 10FC-RY592-D-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | THALLIUM      | 1.6           | N           | U             |              | U         | 1.6           | mg/kg | 1.6    | mg/kg |
| RY592-D      | 10FC-RY592-D-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ANTIMONY      | 3.7           | N           | UJ            | UJ           | U         | 3.7           | mg/kg | 3.7    | mg/kg |
| RY592-D      | 10FC-RY592-D-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ARSENIC       | 0.62          | Y           |               |              |           | 0.62          | mg/kg | 1.3    | mg/kg |
| RY592-D      | 10FC-RY592-D-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | BARIUM        | 12.5          | Y           |               |              |           | 12.5          | mg/kg | 44.9   | mg/kg |
| RY592-D      | 10FC-RY592-D-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | BERYLLIUM     | 0.31          | Y           | J             |              | J         | 0.31          | mg/kg | 0.24   | mg/kg |
| RY592-D      | 10FC-RY592-D-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | CADMIUM       | 0.31          | N           | U             |              | U         | 0.31          | mg/kg | 0.31   | mg/kg |
| RY592-D      | 10FC-RY592-D-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | CHROMIUM      | 0.62          | Y           |               |              |           | 0.62          | mg/kg | 4.6    | mg/kg |
| RY592-D      | 10FC-RY592-D-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | COBALT        | 3.1           | Y           |               |              |           | 3.1           | mg/kg | 4.3    | mg/kg |
| RY592-D      | 10FC-RY592-D-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | COPPER        | 1.6           | Y           |               |              |           | 1.6           | mg/kg | 12.6   | mg/kg |
| RY592-D      | 10FC-RY592-D-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | VANADIUM      | 3.1           | Y           | J             |              | J         | 3.1           | mg/kg | 2.5    | mg/kg |
| RY592-D      | 10FC-RY592-D-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ZINC          | 3.7           | Y           |               |              |           | 3.7           | mg/kg | 25.1   | mg/kg |
| RY592-D      | 10FC-RY592-D-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | CALCIUM       | 311           | Y           |               |              |           | 311           | mg/kg | 823    | mg/kg |
| RY592-D      | 10FC-RY592-D-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | SELENIUM      | 2.2           | N           | U             |              | U         | 2.2           | mg/kg | 2.2    | mg/kg |
| RY592-D      | 10FC-RY592-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ALUMINUM      | 12.8          | Y           |               |              |           | 12.8          | mg/kg | 4870   | mg/kg |
| RY592-D      | 10FC-RY592-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | IRON          | 6.4           | Y           |               |              |           | 6.4           | mg/kg | 7930   | mg/kg |
| RY592-D      | 10FC-RY592-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | LEAD          | 0.64          | Y           | J             | J            | J         | 0.64          | mg/kg | 10.4   | mg/kg |
| RY592-D      | 10FC-RY592-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | MAGNESIUM     | 321           | Y           |               |              |           | 321           | mg/kg | 4080   | mg/kg |
| RY592-D      | 10FC-RY592-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | MANGANESE     | 0.96          | Y           |               |              |           | 0.96          | mg/kg | 227    | mg/kg |
| RY592-D      | 10FC-RY592-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | NICKEL        | 2.6           | Y           |               |              |           | 2.6           | mg/kg | 7.2    | mg/kg |



## Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY592-D      | 10FC-RY592-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | POTASSIUM     | 321           | Y           |               |              |           | 321                 | mg/kg | 336    | mg/kg |
| RY592-D      | 10FC-RY592-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | SILVER        | 0.64          | N           | U             |              | U         | 0.64                | mg/kg | 0.64   | mg/kg |
| RY592-D      | 10FC-RY592-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | SODIUM        | 321           | Y           | J             |              | J         | 321                 | mg/kg | 141    | mg/kg |
| RY592-D      | 10FC-RY592-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | THALLIUM      | 1.6           | N           | U             |              | U         | 1.6                 | mg/kg | 1.6    | mg/kg |
| RY592-D      | 10FC-RY592-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ANTIMONY      | 3.8           | Y           | J             | J            | J         | 3.8                 | mg/kg | 0.23   | mg/kg |
| RY592-D      | 10FC-RY592-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ARSENIC       | 0.64          | Y           |               |              |           | 0.64                | mg/kg | 2.3    | mg/kg |
| RY592-D      | 10FC-RY592-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | BARIUM        | 12.8          | Y           |               |              |           | 12.8                | mg/kg | 104    | mg/kg |
| RY592-D      | 10FC-RY592-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | BERYLLIUM     | 0.32          | Y           | J             |              | J         | 0.32                | mg/kg | 0.3    | mg/kg |
| RY592-D      | 10FC-RY592-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | CADMIUM       | 0.32          | N           | U             |              | U         | 0.32                | mg/kg | 0.32   | mg/kg |
| RY592-D      | 10FC-RY592-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | CHROMIUM      | 0.64          | Y           |               |              |           | 0.64                | mg/kg | 5      | mg/kg |
| RY592-D      | 10FC-RY592-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | COBALT        | 3.2           | Y           |               |              |           | 3.2                 | mg/kg | 7.6    | mg/kg |
| RY592-D      | 10FC-RY592-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | COPPER        | 1.6           | Y           |               |              |           | 1.6                 | mg/kg | 12.2   | mg/kg |
| RY592-D      | 10FC-RY592-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | VANADIUM      | 3.2           | Y           | J             |              | J         | 3.2                 | mg/kg | 2.9    | mg/kg |
| RY592-D      | 10FC-RY592-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ZINC          | 3.8           | Y           |               |              |           | 3.8                 | mg/kg | 27.5   | mg/kg |
| RY592-D      | 10FC-RY592-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | CALCIUM       | 321           | Y           |               |              |           | 321                 | mg/kg | 956    | mg/kg |
| RY592-D      | 10FC-RY592-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | SELENIUM      | 2.2           | N           | U             |              | U         | 2.2                 | mg/kg | 2.2    | mg/kg |
| RY592-D      | 10FC-RY592-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | ALUMINUM      | 12.6          | Y           |               |              |           | 12.6                | mg/kg | 5650   | mg/kg |
| RY592-D      | 10FC-RY592-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | IRON          | 6.3           | Y           |               |              |           | 6.3                 | mg/kg | 8540   | mg/kg |
| RY592-D      | 10FC-RY592-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | LEAD          | 0.63          | Y           | J             | J            |           | 0.63                | mg/kg | 8.1    | mg/kg |
| RY592-D      | 10FC-RY592-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | MAGNESIUM     | 316           | Y           |               |              |           | 316                 | mg/kg | 4100   | mg/kg |
| RY592-D      | 10FC-RY592-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | MANGANESE     | 0.95          | Y           |               |              |           | 0.95                | mg/kg | 236    | mg/kg |
| RY592-D      | 10FC-RY592-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | NICKEL        | 2.5           | Y           |               |              |           | 2.5                 | mg/kg | 7.1    | mg/kg |
| RY592-D      | 10FC-RY592-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | POTASSIUM     | 316           | Y           |               |              |           | 316                 | mg/kg | 455    | mg/kg |
| RY592-D      | 10FC-RY592-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | SILVER        | 0.63          | N           | U             |              | U         | 0.63                | mg/kg | 0.63   | mg/kg |
| RY592-D      | 10FC-RY592-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | SODIUM        | 316           | Y           | J             |              | J         | 316                 | mg/kg | 176    | mg/kg |
| RY592-D      | 10FC-RY592-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | THALLIUM      | 1.6           | N           | U             |              | U         | 1.6                 | mg/kg | 1.6    | mg/kg |
| RY592-D      | 10FC-RY592-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | ANTIMONY      | 3.8           | Y           | J             | J            | J         | 3.8                 | mg/kg | 0.24   | mg/kg |
| RY592-D      | 10FC-RY592-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | ARSENIC       | 0.63          | Y           |               |              |           | 0.63                | mg/kg | 2      | mg/kg |
| RY592-D      | 10FC-RY592-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | BARIUM        | 12.6          | Y           |               |              |           | 12.6                | mg/kg | 123    | mg/kg |
| RY592-D      | 10FC-RY592-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | BERYLLIUM     | 0.32          | Y           |               |              |           | 0.32                | mg/kg | 0.35   | mg/kg |
| RY592-D      | 10FC-RY592-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | CADMIUM       | 0.32          | N           | U             |              | U         | 0.32                | mg/kg | 0.32   | mg/kg |
| RY592-D      | 10FC-RY592-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | CHROMIUM      | 0.63          | Y           |               |              |           | 0.63                | mg/kg | 5.6    | mg/kg |
| RY592-D      | 10FC-RY592-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | COBALT        | 3.2           | Y           |               |              |           | 3.2                 | mg/kg | 5.3    | mg/kg |
| RY592-D      | 10FC-RY592-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | COPPER        | 1.6           | Y           |               |              |           | 1.6                 | mg/kg | 12.8   | mg/kg |
| RY592-D      | 10FC-RY592-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | VANADIUM      | 3.2           | Y           |               |              |           | 3.2                 | mg/kg | 5.6    | mg/kg |
| RY592-D      | 10FC-RY592-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | ZINC          | 3.8           | Y           |               |              |           | 3.8                 | mg/kg | 25.5   | mg/kg |
| RY592-D      | 10FC-RY592-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | CALCIUM       | 316           | Y           |               |              |           | 316                 | mg/kg | 1210   | mg/kg |
| RY592-D      | 10FC-RY592-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | SELENIUM      | 2.2           | N           | U             |              | U         | 2.2                 | mg/kg | 2.2    | mg/kg |
| RY592-E      | 10FC-RY592-E-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ALUMINUM      | 11.7          | Y           |               |              |           | 11.7                | mg/kg | 7660   | mg/kg |
| RY592-E      | 10FC-RY592-E-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | IRON          | 5.8           | Y           |               |              |           | 5.8                 | mg/kg | 10900  | mg/kg |
| RY592-E      | 10FC-RY592-E-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | LEAD          | 0.58          | Y           | J             | J            |           | 0.58                | mg/kg | 7.3    | mg/kg |
| RY592-E      | 10FC-RY592-E-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | MAGNESIUM     | 291           | Y           |               |              |           | 291                 | mg/kg | 2820   | mg/kg |
| RY592-E      | 10FC-RY592-E-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | MANGANESE     | 0.87          | Y           |               |              |           | 0.87                | mg/kg | 283    | mg/kg |
| RY592-E      | 10FC-RY592-E-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | NICKEL        | 2.3           | Y           |               |              |           | 2.3                 | mg/kg | 7      | mg/kg |
| RY592-E      | 10FC-RY592-E-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | POTASSIUM     | 291           | Y           |               |              |           | 291                 | mg/kg | 1730   | mg/kg |
| RY592-E      | 10FC-RY592-E-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | SILVER        | 0.58          | N           | U             |              | U         | 0.58                | mg/kg | 0.58   | mg/kg |
| RY592-E      | 10FC-RY592-E-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | SODIUM        | 291           | Y           | J             |              | J         | 291                 | mg/kg | 155    | mg/kg |
| RY592-E      | 10FC-RY592-E-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | THALLIUM      | 1.5           | N           | U             |              | U         | 1.5                 | mg/kg | 1.5    | mg/kg |

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| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY592-E      | 10FC-RY592-E-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ANTIMONY      | 3.5           | Y           | J             | J            | J         | 3.5           | mg/kg | 0.5    | mg/kg |
| RY592-E      | 10FC-RY592-E-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ARSENIC       | 0.58          | Y           |               |              |           | 0.58          | mg/kg | 2.9    | mg/kg |
| RY592-E      | 10FC-RY592-E-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | BARIUM        | 11.7          | Y           |               |              |           | 11.7          | mg/kg | 129    | mg/kg |
| RY592-E      | 10FC-RY592-E-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | BERYLLIUM     | 0.29          | Y           |               |              |           | 0.29          | mg/kg | 0.45   | mg/kg |
| RY592-E      | 10FC-RY592-E-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | CADMIUM       | 0.29          | Y           | J             |              | J         | 0.29          | mg/kg | 0.06   | mg/kg |
| RY592-E      | 10FC-RY592-E-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | CHROMIUM      | 0.58          | Y           |               |              |           | 0.58          | mg/kg | 7.5    | mg/kg |
| RY592-E      | 10FC-RY592-E-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | COBALT        | 2.9           | Y           |               |              |           | 2.9           | mg/kg | 4.9    | mg/kg |
| RY592-E      | 10FC-RY592-E-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | COPPER        | 1.5           | Y           |               |              |           | 1.5           | mg/kg | 10.3   | mg/kg |
| RY592-E      | 10FC-RY592-E-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | VANADIUM      | 2.9           | Y           |               |              |           | 2.9           | mg/kg | 16.1   | mg/kg |
| RY592-E      | 10FC-RY592-E-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ZINC          | 3.5           | Y           |               |              |           | 3.5           | mg/kg | 28.6   | mg/kg |
| RY592-E      | 10FC-RY592-E-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | CALCIUM       | 291           | Y           |               |              |           | 291           | mg/kg | 2020   | mg/kg |
| RY592-E      | 10FC-RY592-E-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | SELENIUM      | 2.0           | N           | U             |              | U         | 2.0           | mg/kg | 2      | mg/kg |
| RY592-E      | 10FC-RY592-E-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ALUMINUM      | 12.8          | Y           |               |              |           | 12.8          | mg/kg | 8120   | mg/kg |
| RY592-E      | 10FC-RY592-E-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | IRON          | 6.4           | Y           |               |              |           | 6.4           | mg/kg | 10800  | mg/kg |
| RY592-E      | 10FC-RY592-E-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | LEAD          | 0.64          | Y           | J             | J            |           | 0.64          | mg/kg | 7.2    | mg/kg |
| RY592-E      | 10FC-RY592-E-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | MAGNESIUM     | 319           | Y           |               |              |           | 319           | mg/kg | 2790   | mg/kg |
| RY592-E      | 10FC-RY592-E-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | MANGANESE     | 0.96          | Y           |               |              |           | 0.96          | mg/kg | 305    | mg/kg |
| RY592-E      | 10FC-RY592-E-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | NICKEL        | 2.6           | Y           |               |              |           | 2.6           | mg/kg | 7.3    | mg/kg |
| RY592-E      | 10FC-RY592-E-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | POTASSIUM     | 319           | Y           |               |              |           | 319           | mg/kg | 1520   | mg/kg |
| RY592-E      | 10FC-RY592-E-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | SILVER        | 0.64          | N           | U             |              | U         | 0.64          | mg/kg | 0.64   | mg/kg |
| RY592-E      | 10FC-RY592-E-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | SODIUM        | 319           | Y           | J             |              | J         | 319           | mg/kg | 145    | mg/kg |
| RY592-E      | 10FC-RY592-E-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | THALLIUM      | 1.6           | N           | U             |              | U         | 1.6           | mg/kg | 1.6    | mg/kg |
| RY592-E      | 10FC-RY592-E-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ANTIMONY      | 3.8           | Y           | J             | J            | J         | 3.8           | mg/kg | 0.42   | mg/kg |
| RY592-E      | 10FC-RY592-E-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ARSENIC       | 0.64          | Y           |               |              |           | 0.64          | mg/kg | 3.2    | mg/kg |
| RY592-E      | 10FC-RY592-E-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | BARIUM        | 12.8          | Y           |               |              |           | 12.8          | mg/kg | 139    | mg/kg |
| RY592-E      | 10FC-RY592-E-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | BERYLLIUM     | 0.32          | Y           |               |              |           | 0.32          | mg/kg | 0.45   | mg/kg |
| RY592-E      | 10FC-RY592-E-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | CADMIUM       | 0.32          | Y           | J             |              | J         | 0.32          | mg/kg | 0.05   | mg/kg |
| RY592-E      | 10FC-RY592-E-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | CHROMIUM      | 0.64          | Y           |               |              |           | 0.64          | mg/kg | 7.6    | mg/kg |
| RY592-E      | 10FC-RY592-E-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | COBALT        | 3.2           | Y           |               |              |           | 3.2           | mg/kg | 5      | mg/kg |
| RY592-E      | 10FC-RY592-E-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | COPPER        | 1.6           | Y           |               |              |           | 1.6           | mg/kg | 10.1   | mg/kg |
| RY592-E      | 10FC-RY592-E-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | VANADIUM      | 3.2           | Y           |               |              |           | 3.2           | mg/kg | 15.5   | mg/kg |
| RY592-E      | 10FC-RY592-E-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ZINC          | 3.8           | Y           |               |              |           | 3.8           | mg/kg | 27.2   | mg/kg |
| RY592-E      | 10FC-RY592-E-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | CALCIUM       | 319           | Y           |               |              |           | 319           | mg/kg | 2020   | mg/kg |
| RY592-E      | 10FC-RY592-E-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | SELENIUM      | 2.2           | N           | U             |              | U         | 2.2           | mg/kg | 2.2    | mg/kg |
| RY592-E      | 10FC-RY592-E-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | ALUMINUM      | 11.4          | Y           |               |              |           | 11.4          | mg/kg | 7410   | mg/kg |
| RY592-E      | 10FC-RY592-E-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | IRON          | 5.7           | Y           |               |              |           | 5.7           | mg/kg | 9880   | mg/kg |
| RY592-E      | 10FC-RY592-E-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | LEAD          | 0.57          | Y           | J             | J            |           | 0.57          | mg/kg | 6.4    | mg/kg |
| RY592-E      | 10FC-RY592-E-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | MAGNESIUM     | 284           | Y           |               |              |           | 284           | mg/kg | 2550   | mg/kg |
| RY592-E      | 10FC-RY592-E-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | MANGANESE     | 0.85          | Y           |               |              |           | 0.85          | mg/kg | 268    | mg/kg |
| RY592-E      | 10FC-RY592-E-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | NICKEL        | 2.3           | Y           |               |              |           | 2.3           | mg/kg | 6.6    | mg/kg |
| RY592-E      | 10FC-RY592-E-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | POTASSIUM     | 284           | Y           |               |              |           | 284           | mg/kg | 1380   | mg/kg |
| RY592-E      | 10FC-RY592-E-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | SILVER        | 0.57          | N           | U             |              | U         | 0.57          | mg/kg | 0.57   | mg/kg |
| RY592-E      | 10FC-RY592-E-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | SODIUM        | 284           | Y           | J             |              | J         | 284           | mg/kg | 175    | mg/kg |
| RY592-E      | 10FC-RY592-E-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | THALLIUM      | 1.4           | N           | U             |              | U         | 1.4           | mg/kg | 1.4    | mg/kg |
| RY592-E      | 10FC-RY592-E-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | ANTIMONY      | 3.4           | Y           | J             | J            | J         | 3.4           | mg/kg | 0.39   | mg/kg |
| RY592-E      | 10FC-RY592-E-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | ARSENIC       | 0.57          | Y           |               |              |           | 0.57          | mg/kg | 2.9    | mg/kg |
| RY592-E      | 10FC-RY592-E-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | BARIUM        | 11.4          | Y           |               |              |           | 11.4          | mg/kg | 126    | mg/kg |
| RY592-E      | 10FC-RY592-E-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | BERYLLIUM     | 0.28          | Y           |               |              |           | 0.28          | mg/kg | 0.41   | mg/kg |

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| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY592-E      | 10FC-RY592-E-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | CADMIUM       | 0.28          | Y           | J             |              | J         | 0.28                | mg/kg | 0.03   | mg/kg |
| RY592-E      | 10FC-RY592-E-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | CHROMIUM      | 0.57          | Y           |               |              |           | 0.57                | mg/kg | 6.8    | mg/kg |
| RY592-E      | 10FC-RY592-E-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | COBALT        | 2.8           | Y           |               |              |           | 2.8                 | mg/kg | 4.7    | mg/kg |
| RY592-E      | 10FC-RY592-E-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | COPPER        | 1.4           | Y           |               |              |           | 1.4                 | mg/kg | 9.1    | mg/kg |
| RY592-E      | 10FC-RY592-E-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | VANADIUM      | 2.8           | Y           |               |              |           | 2.8                 | mg/kg | 14.1   | mg/kg |
| RY592-E      | 10FC-RY592-E-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | ZINC          | 3.4           | Y           |               |              |           | 3.4                 | mg/kg | 25     | mg/kg |
| RY592-E      | 10FC-RY592-E-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | CALCIUM       | 284           | Y           |               |              |           | 284                 | mg/kg | 1830   | mg/kg |
| RY592-E      | 10FC-RY592-E-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | SELENIUM      | 2.0           | N           | U             |              | U         | 2.0                 | mg/kg | 2      | mg/kg |
| RY592-F      | 10FC-RY592-F-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ALUMINUM      | 11.4          | Y           |               |              |           | 11.4                | mg/kg | 7460   | mg/kg |
| RY592-F      | 10FC-RY592-F-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | IRON          | 5.7           | Y           |               |              |           | 5.7                 | mg/kg | 10500  | mg/kg |
| RY592-F      | 10FC-RY592-F-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | LEAD          | 0.57          | Y           | J             | J            |           | 0.57                | mg/kg | 7.2    | mg/kg |
| RY592-F      | 10FC-RY592-F-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | MAGNESIUM     | 284           | Y           |               |              |           | 284                 | mg/kg | 2510   | mg/kg |
| RY592-F      | 10FC-RY592-F-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | MANGANESE     | 0.85          | Y           |               |              |           | 0.85                | mg/kg | 271    | mg/kg |
| RY592-F      | 10FC-RY592-F-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | NICKEL        | 2.3           | Y           |               |              |           | 2.3                 | mg/kg | 6.7    | mg/kg |
| RY592-F      | 10FC-RY592-F-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | POTASSIUM     | 284           | Y           |               |              |           | 284                 | mg/kg | 1150   | mg/kg |
| RY592-F      | 10FC-RY592-F-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | SILVER        | 0.57          | N           | U             |              | U         | 0.57                | mg/kg | 0.57   | mg/kg |
| RY592-F      | 10FC-RY592-F-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | SODIUM        | 284           | Y           | J             |              | J         | 284                 | mg/kg | 157    | mg/kg |
| RY592-F      | 10FC-RY592-F-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | THALLIUM      | 1.4           | N           | U             |              | U         | 1.4                 | mg/kg | 1.4    | mg/kg |
| RY592-F      | 10FC-RY592-F-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ANTIMONY      | 3.4           | Y           | J             | J            | J         | 3.4                 | mg/kg | 0.43   | mg/kg |
| RY592-F      | 10FC-RY592-F-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ARSENIC       | 0.57          | Y           |               |              |           | 0.57                | mg/kg | 3.3    | mg/kg |
| RY592-F      | 10FC-RY592-F-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | BARIUM        | 11.4          | Y           |               |              |           | 11.4                | mg/kg | 117    | mg/kg |
| RY592-F      | 10FC-RY592-F-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | BERYLLIUM     | 0.28          | Y           |               |              |           | 0.28                | mg/kg | 0.4    | mg/kg |
| RY592-F      | 10FC-RY592-F-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | CADMIUM       | 0.28          | Y           | J             |              | J         | 0.28                | mg/kg | 0.05   | mg/kg |
| RY592-F      | 10FC-RY592-F-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | CHROMIUM      | 0.57          | Y           |               |              |           | 0.57                | mg/kg | 6.9    | mg/kg |
| RY592-F      | 10FC-RY592-F-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | COBALT        | 2.8           | Y           |               |              |           | 2.8                 | mg/kg | 4.7    | mg/kg |
| RY592-F      | 10FC-RY592-F-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | COPPER        | 1.4           | Y           |               |              |           | 1.4                 | mg/kg | 9.2    | mg/kg |
| RY592-F      | 10FC-RY592-F-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | VANADIUM      | 2.8           | Y           |               |              |           | 2.8                 | mg/kg | 17     | mg/kg |
| RY592-F      | 10FC-RY592-F-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ZINC          | 3.4           | Y           |               |              |           | 3.4                 | mg/kg | 24.7   | mg/kg |
| RY592-F      | 10FC-RY592-F-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | CALCIUM       | 284           | Y           |               |              |           | 284                 | mg/kg | 1690   | mg/kg |
| RY592-F      | 10FC-RY592-F-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | SELENIUM      | 2.0           | N           | U             |              | U         | 2.0                 | mg/kg | 2      | mg/kg |
| RY592-F      | 10FC-RY592-F-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ALUMINUM      | 11.8          | Y           |               |              |           | 11.8                | mg/kg | 7590   | mg/kg |
| RY592-F      | 10FC-RY592-F-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | IRON          | 5.9           | Y           |               |              |           | 5.9                 | mg/kg | 10500  | mg/kg |
| RY592-F      | 10FC-RY592-F-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | LEAD          | 0.59          | Y           | J             | J            |           | 0.59                | mg/kg | 7      | mg/kg |
| RY592-F      | 10FC-RY592-F-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | MAGNESIUM     | 296           | Y           |               |              |           | 296                 | mg/kg | 2510   | mg/kg |
| RY592-F      | 10FC-RY592-F-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | MANGANESE     | 0.89          | Y           |               |              |           | 0.89                | mg/kg | 284    | mg/kg |
| RY592-F      | 10FC-RY592-F-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | NICKEL        | 2.4           | Y           |               |              |           | 2.4                 | mg/kg | 6.8    | mg/kg |
| RY592-F      | 10FC-RY592-F-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | POTASSIUM     | 296           | Y           |               |              |           | 296                 | mg/kg | 1040   | mg/kg |
| RY592-F      | 10FC-RY592-F-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | SILVER        | 0.59          | N           | U             |              | U         | 0.59                | mg/kg | 0.59   | mg/kg |
| RY592-F      | 10FC-RY592-F-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | SODIUM        | 296           | Y           | J             |              | J         | 296                 | mg/kg | 205    | mg/kg |
| RY592-F      | 10FC-RY592-F-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | THALLIUM      | 1.5           | N           | U             |              | U         | 1.5                 | mg/kg | 1.5    | mg/kg |
| RY592-F      | 10FC-RY592-F-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ANTIMONY      | 3.5           | Y           | J             | J            | J         | 3.5                 | mg/kg | 0.41   | mg/kg |
| RY592-F      | 10FC-RY592-F-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ARSENIC       | 0.59          | Y           |               |              |           | 0.59                | mg/kg | 3.3    | mg/kg |
| RY592-F      | 10FC-RY592-F-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | BARIUM        | 11.8          | Y           |               |              |           | 11.8                | mg/kg | 125    | mg/kg |
| RY592-F      | 10FC-RY592-F-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | BERYLLIUM     | 0.30          | Y           |               |              |           | 0.30                | mg/kg | 0.42   | mg/kg |
| RY592-F      | 10FC-RY592-F-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | CADMIUM       | 0.30          | Y           | J             |              | J         | 0.30                | mg/kg | 0.05   | mg/kg |
| RY592-F      | 10FC-RY592-F-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | CHROMIUM      | 0.59          | Y           |               |              |           | 0.59                | mg/kg | 6.9    | mg/kg |
| RY592-F      | 10FC-RY592-F-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | COBALT        | 3.0           | Y           |               |              |           | 3.0                 | mg/kg | 4.8    | mg/kg |
| RY592-F      | 10FC-RY592-F-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | COPPER        | 1.5           | Y           |               |              |           | 1.5                 | mg/kg | 9.3    | mg/kg |

## Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY592-F      | 10FC-RY592-F-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | VANADIUM      | 3.0           | Y           |               |              |           | 3.0                 | mg/kg | 16.3   | mg/kg |
| RY592-F      | 10FC-RY592-F-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ZINC          | 3.5           | Y           |               |              |           | 3.5                 | mg/kg | 26.4   | mg/kg |
| RY592-F      | 10FC-RY592-F-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | CALCIUM       | 296           | Y           |               |              |           | 296                 | mg/kg | 1850   | mg/kg |
| RY592-F      | 10FC-RY592-F-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | SELENIUM      | 2.1           | N           | U             |              | U         | 2.1                 | mg/kg | 2.1    | mg/kg |
| RY592-F      | 10FC-RY592-F-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | ALUMINUM      | 12.3          | Y           |               |              |           | 12.3                | mg/kg | 7150   | mg/kg |
| RY592-F      | 10FC-RY592-F-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | IRON          | 6.1           | Y           |               |              |           | 6.1                 | mg/kg | 9880   | mg/kg |
| RY592-F      | 10FC-RY592-F-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | LEAD          | 0.61          | Y           | J             | J            |           | 0.61                | mg/kg | 6.2    | mg/kg |
| RY592-F      | 10FC-RY592-F-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | MAGNESIUM     | 306           | Y           |               |              |           | 306                 | mg/kg | 2400   | mg/kg |
| RY592-F      | 10FC-RY592-F-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | MANGANESE     | 0.92          | Y           |               |              |           | 0.92                | mg/kg | 258    | mg/kg |
| RY592-F      | 10FC-RY592-F-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | NICKEL        | 2.5           | Y           |               |              |           | 2.5                 | mg/kg | 6.3    | mg/kg |
| RY592-F      | 10FC-RY592-F-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | POTASSIUM     | 306           | Y           |               |              |           | 306                 | mg/kg | 1010   | mg/kg |
| RY592-F      | 10FC-RY592-F-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | SILVER        | 0.61          | N           | U             |              | U         | 0.61                | mg/kg | 0.61   | mg/kg |
| RY592-F      | 10FC-RY592-F-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | SODIUM        | 306           | Y           | J             |              | J         | 306                 | mg/kg | 129    | mg/kg |
| RY592-F      | 10FC-RY592-F-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | THALLIUM      | 1.5           | N           | U             |              | U         | 1.5                 | mg/kg | 1.5    | mg/kg |
| RY592-F      | 10FC-RY592-F-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | ANTIMONY      | 3.7           | Y           | J             | J            | J         | 3.7                 | mg/kg | 0.41   | mg/kg |
| RY592-F      | 10FC-RY592-F-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | ARSENIC       | 0.61          | Y           |               |              |           | 0.61                | mg/kg | 2.9    | mg/kg |
| RY592-F      | 10FC-RY592-F-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | BARIUM        | 12.3          | Y           |               |              |           | 12.3                | mg/kg | 110    | mg/kg |
| RY592-F      | 10FC-RY592-F-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | BERYLLIUM     | 0.31          | Y           |               |              |           | 0.31                | mg/kg | 0.38   | mg/kg |
| RY592-F      | 10FC-RY592-F-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | CADMIUM       | 0.31          | Y           | J             |              | J         | 0.31                | mg/kg | 0.04   | mg/kg |
| RY592-F      | 10FC-RY592-F-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | CHROMIUM      | 0.61          | Y           |               |              |           | 0.61                | mg/kg | 6.8    | mg/kg |
| RY592-F      | 10FC-RY592-F-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | COBALT        | 3.1           | Y           |               |              |           | 3.1                 | mg/kg | 4.5    | mg/kg |
| RY592-F      | 10FC-RY592-F-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | COPPER        | 1.5           | Y           |               |              |           | 1.5                 | mg/kg | 8.7    | mg/kg |
| RY592-F      | 10FC-RY592-F-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | VANADIUM      | 3.1           | Y           |               |              |           | 3.1                 | mg/kg | 16     | mg/kg |
| RY592-F      | 10FC-RY592-F-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | ZINC          | 3.7           | Y           |               |              |           | 3.7                 | mg/kg | 24.4   | mg/kg |
| RY592-F      | 10FC-RY592-F-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | CALCIUM       | 306           | Y           |               |              |           | 306                 | mg/kg | 1600   | mg/kg |
| RY592-F      | 10FC-RY592-F-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | SELENIUM      | 2.1           | N           | U             |              | U         | 2.1                 | mg/kg | 2.1    | mg/kg |
| RY594-A      | 10FC-RY594-A-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ALUMINUM      | 12.8          | Y           |               |              |           | 12.8                | mg/kg | 13200  | mg/kg |
| RY594-A      | 10FC-RY594-A-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | IRON          | 6.4           | Y           |               |              |           | 6.4                 | mg/kg | 13600  | mg/kg |
| RY594-A      | 10FC-RY594-A-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | LEAD          | 0.64          | Y           | J             | J            |           | 0.64                | mg/kg | 10.7   | mg/kg |
| RY594-A      | 10FC-RY594-A-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | MAGNESIUM     | 320           | Y           |               |              |           | 320                 | mg/kg | 3620   | mg/kg |
| RY594-A      | 10FC-RY594-A-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | MANGANESE     | 0.96          | Y           |               |              |           | 0.96                | mg/kg | 497    | mg/kg |
| RY594-A      | 10FC-RY594-A-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | NICKEL        | 2.6           | Y           |               |              |           | 2.6                 | mg/kg | 9.8    | mg/kg |
| RY594-A      | 10FC-RY594-A-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | POTASSIUM     | 320           | Y           |               |              |           | 320                 | mg/kg | 1660   | mg/kg |
| RY594-A      | 10FC-RY594-A-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | SILVER        | 0.64          | N           | U             |              | U         | 0.64                | mg/kg | 0.64   | mg/kg |
| RY594-A      | 10FC-RY594-A-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | SODIUM        | 320           | Y           | J             |              | J         | 320                 | mg/kg | 200    | mg/kg |
| RY594-A      | 10FC-RY594-A-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | THALLIUM      | 1.6           | N           | U             |              | U         | 1.6                 | mg/kg | 1.6    | mg/kg |
| RY594-A      | 10FC-RY594-A-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ANTIMONY      | 3.8           | Y           | J             | J            | J         | 3.8                 | mg/kg | 0.44   | mg/kg |
| RY594-A      | 10FC-RY594-A-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ARSENIC       | 0.64          | Y           |               |              |           | 0.64                | mg/kg | 4.8    | mg/kg |
| RY594-A      | 10FC-RY594-A-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | BARIUM        | 12.8          | Y           |               |              |           | 12.8                | mg/kg | 175    | mg/kg |
| RY594-A      | 10FC-RY594-A-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | BERYLLIUM     | 0.32          | Y           |               |              |           | 0.32                | mg/kg | 0.51   | mg/kg |
| RY594-A      | 10FC-RY594-A-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | CADMIUM       | 0.32          | Y           | J             |              | J         | 0.32                | mg/kg | 0.06   | mg/kg |
| RY594-A      | 10FC-RY594-A-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | CHROMIUM      | 0.64          | Y           |               |              |           | 0.64                | mg/kg | 7.3    | mg/kg |
| RY594-A      | 10FC-RY594-A-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | COBALT        | 3.2           | Y           |               |              |           | 3.2                 | mg/kg | 7.1    | mg/kg |
| RY594-A      | 10FC-RY594-A-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | COPPER        | 1.6           | Y           |               |              |           | 1.6                 | mg/kg | 11.1   | mg/kg |
| RY594-A      | 10FC-RY594-A-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | VANADIUM      | 3.2           | Y           |               |              |           | 3.2                 | mg/kg | 15.3   | mg/kg |
| RY594-A      | 10FC-RY594-A-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ZINC          | 3.8           | Y           |               |              |           | 3.8                 | mg/kg | 31.8   | mg/kg |
| RY594-A      | 10FC-RY594-A-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | CALCIUM       | 320           | Y           |               |              |           | 320                 | mg/kg | 2810   | mg/kg |
| RY594-A      | 10FC-RY594-A-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | SELENIUM      | 2.2           | N           | U             |              | U         | 2.2                 | mg/kg | 2.2    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY386-B      | 10FC-RY386-B-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | ALUMINUM      | 21.7          | Y           |               |              |           | 21.7          | mg/kg | 4800   | mg/kg |
| RY386-B      | 10FC-RY386-B-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | ANTIMONY      | 6.5           | Y           | J             | J            |           | 6.5           | mg/kg | 118    | mg/kg |
| RY386-B      | 10FC-RY386-B-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | ARSENIC       | 1.1           | Y           |               |              |           | 1.1           | mg/kg | 69.5   | mg/kg |
| RY386-B      | 10FC-RY386-B-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | BARIUM        | 21.7          | Y           |               |              |           | 21.7          | mg/kg | 65.5   | mg/kg |
| RY386-B      | 10FC-RY386-B-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | BERYLLIUM     | 0.54          | Y           | J             |              | J         | 0.54          | mg/kg | 0.27   | mg/kg |
| RY386-B      | 10FC-RY386-B-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | CADMIUM       | 0.54          | Y           |               |              |           | 0.54          | mg/kg | 0.58   | mg/kg |
| RY386-B      | 10FC-RY386-B-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | IRON          | 10.9          | Y           |               |              |           | 10.9          | mg/kg | 15800  | mg/kg |
| RY386-B      | 10FC-RY386-B-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | LEAD          | 1.1           | Y           |               |              |           | 1.1           | mg/kg | 564    | mg/kg |
| RY386-B      | 10FC-RY386-B-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 543           | Y           | J             | J            |           | 543           | mg/kg | 9890   | mg/kg |
| RY386-B      | 10FC-RY386-B-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | MANGANESE     | 1.6           | Y           | J             | J            |           | 1.6           | mg/kg | 1100   | mg/kg |
| RY386-B      | 10FC-RY386-B-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | NICKEL        | 4.3           | Y           |               |              |           | 4.3           | mg/kg | 9.2    | mg/kg |
| RY386-B      | 10FC-RY386-B-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | POTASSIUM     | 543           | Y           | J             | J            |           | 543           | mg/kg | 1080   | mg/kg |
| RY386-B      | 10FC-RY386-B-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | SILVER        | 1.1           | Y           |               |              |           | 1.1           | mg/kg | 1.2    | mg/kg |
| RY386-B      | 10FC-RY386-B-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | SODIUM        | 543           | Y           |               |              |           | 543           | mg/kg | 546    | mg/kg |
| RY386-B      | 10FC-RY386-B-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | THALLIUM      | 2.7           | N           | U             |              | U         | 2.7           | mg/kg | 2.7    | mg/kg |
| RY386-B      | 10FC-RY386-B-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | CHROMIUM      | 1.1           | Y           |               |              |           | 1.1           | mg/kg | 6      | mg/kg |
| RY386-B      | 10FC-RY386-B-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | COBALT        | 5.4           | Y           |               |              |           | 5.4           | mg/kg | 6.6    | mg/kg |
| RY386-B      | 10FC-RY386-B-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | COPPER        | 2.7           | Y           |               |              |           | 2.7           | mg/kg | 23.7   | mg/kg |
| RY386-B      | 10FC-RY386-B-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | VANADIUM      | 5.4           | Y           |               |              |           | 5.4           | mg/kg | 7.6    | mg/kg |
| RY386-B      | 10FC-RY386-B-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | ZINC          | 6.5           | Y           |               |              |           | 6.5           | mg/kg | 170    | mg/kg |
| RY386-B      | 10FC-RY386-B-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | CALCIUM       | 1090          | Y           |               |              |           | 1090          | mg/kg | 36800  | mg/kg |
| RY386-B      | 10FC-RY386-B-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | SELENIUM      | 3.8           | Y           | J             |              | J         | 3.8           | mg/kg | 2.3    | mg/kg |
| RY386-C      | 10FC-RY386-C-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | ALUMINUM      | 20.2          | Y           |               |              |           | 20.2          | mg/kg | 5410   | mg/kg |
| RY386-C      | 10FC-RY386-C-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | IRON          | 10.1          | Y           |               |              |           | 10.1          | mg/kg | 14600  | mg/kg |
| RY386-C      | 10FC-RY386-C-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | LEAD          | 1.0           | Y           |               |              |           | 1.0           | mg/kg | 306    | mg/kg |
| RY386-C      | 10FC-RY386-C-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | MAGNESIUM     | 504           | Y           | J             | J            |           | 504           | mg/kg | 4630   | mg/kg |
| RY386-C      | 10FC-RY386-C-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | MANGANESE     | 1.5           | Y           | J             | J            |           | 1.5           | mg/kg | 409    | mg/kg |
| RY386-C      | 10FC-RY386-C-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | NICKEL        | 4.0           | Y           |               |              |           | 4.0           | mg/kg | 10.5   | mg/kg |
| RY386-C      | 10FC-RY386-C-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | POTASSIUM     | 504           | Y           | J             | J            |           | 504           | mg/kg | 1530   | mg/kg |
| RY386-C      | 10FC-RY386-C-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | SILVER        | 1.0           | Y           |               |              |           | 1.0           | mg/kg | 1.5    | mg/kg |
| RY386-C      | 10FC-RY386-C-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | SODIUM        | 504           | Y           | J             |              | J         | 504           | mg/kg | 410    | mg/kg |
| RY386-C      | 10FC-RY386-C-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5           | mg/kg | 2.5    | mg/kg |
| RY386-C      | 10FC-RY386-C-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | ANTIMONY      | 6.0           | Y           | J             | J            |           | 6.0           | mg/kg | 18.9   | mg/kg |
| RY386-C      | 10FC-RY386-C-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | ARSENIC       | 1.0           | Y           |               |              |           | 1.0           | mg/kg | 52.2   | mg/kg |
| RY386-C      | 10FC-RY386-C-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | BARIUM        | 20.2          | Y           |               |              |           | 20.2          | mg/kg | 95.5   | mg/kg |
| RY386-C      | 10FC-RY386-C-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | BERYLLIUM     | 0.50          | Y           | J             |              | J         | 0.50          | mg/kg | 0.32   | mg/kg |
| RY386-C      | 10FC-RY386-C-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | CADMIUM       | 0.50          | Y           |               |              |           | 0.50          | mg/kg | 1.1    | mg/kg |
| RY386-C      | 10FC-RY386-C-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | CHROMIUM      | 1.0           | Y           |               |              |           | 1.0           | mg/kg | 11.3   | mg/kg |
| RY386-C      | 10FC-RY386-C-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | COBALT        | 5.0           | Y           |               |              |           | 5.0           | mg/kg | 6.8    | mg/kg |
| RY386-C      | 10FC-RY386-C-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | COPPER        | 2.5           | Y           |               |              |           | 2.5           | mg/kg | 28.2   | mg/kg |
| RY386-C      | 10FC-RY386-C-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | VANADIUM      | 5.0           | Y           |               |              |           | 5.0           | mg/kg | 9.5    | mg/kg |
| RY386-C      | 10FC-RY386-C-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | ZINC          | 6.0           | Y           |               |              |           | 6.0           | mg/kg | 314    | mg/kg |
| RY386-C      | 10FC-RY386-C-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | CALCIUM       | 504           | Y           |               |              |           | 504           | mg/kg | 26600  | mg/kg |
| RY386-C      | 10FC-RY386-C-000002 | 7/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | SELENIUM      | 3.5           | Y           | J             |              | J         | 3.5           | mg/kg | 2.1    | mg/kg |
| RY386-C      | 10FC-RY386-C-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | ALUMINUM      | 20.4          | Y           |               |              |           | 20.4          | mg/kg | 6920   | mg/kg |
| RY386-C      | 10FC-RY386-C-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | ANTIMONY      | 6.1           | Y           | J             | J            |           | 6.1           | mg/kg | 8      | mg/kg |
| RY386-C      | 10FC-RY386-C-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | ARSENIC       | 1.0           | Y           |               |              |           | 1.0           | mg/kg | 24.2   | mg/kg |
| RY386-C      | 10FC-RY386-C-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | BARIUM        | 20.4          | Y           |               |              |           | 20.4          | mg/kg | 77.5   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY386-C      | 10FC-RY386-C-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | BERYLLIUM     | 0.51          | Y           | J             |              | J         | 0.51          | mg/kg | 0.27   | mg/kg |
| RY386-C      | 10FC-RY386-C-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | CADMIUM       | 0.51          | Y           |               |              |           | 0.51          | mg/kg | 0.54   | mg/kg |
| RY386-C      | 10FC-RY386-C-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | IRON          | 10.2          | Y           |               |              |           | 10.2          | mg/kg | 12600  | mg/kg |
| RY386-C      | 10FC-RY386-C-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | LEAD          | 1.0           | Y           |               |              |           | 1.0           | mg/kg | 142    | mg/kg |
| RY386-C      | 10FC-RY386-C-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 510           | Y           | J             | J            |           | 510           | mg/kg | 3450   | mg/kg |
| RY386-C      | 10FC-RY386-C-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | MANGANESE     | 1.5           | Y           | J             | J            |           | 1.5           | mg/kg | 454    | mg/kg |
| RY386-C      | 10FC-RY386-C-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | NICKEL        | 4.1           | Y           |               |              |           | 4.1           | mg/kg | 8.5    | mg/kg |
| RY386-C      | 10FC-RY386-C-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | POTASSIUM     | 510           | Y           | J             | J            |           | 510           | mg/kg | 1790   | mg/kg |
| RY386-C      | 10FC-RY386-C-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | SILVER        | 1.0           | N           | U             |              | U         | 1.0           | mg/kg | 1      | mg/kg |
| RY386-C      | 10FC-RY386-C-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | SODIUM        | 510           | Y           | J             |              | J         | 510           | mg/kg | 473    | mg/kg |
| RY386-C      | 10FC-RY386-C-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5           | mg/kg | 2.5    | mg/kg |
| RY386-C      | 10FC-RY386-C-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | CHROMIUM      | 1.0           | Y           |               |              |           | 1.0           | mg/kg | 3.7    | mg/kg |
| RY398-B      | 10FC-RY398-B-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | SILVER        | 1.0           | Y           |               |              |           | 1.0           | mg/kg | 14.6   | mg/kg |
| RY398-B      | 10FC-RY398-B-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | SODIUM        | 517           | Y           | J             |              | J         | 517           | mg/kg | 337    | mg/kg |
| RY398-B      | 10FC-RY398-B-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | THALLIUM      | 2.6           | N           | U             |              | U         | 2.6           | mg/kg | 2.6    | mg/kg |
| RY398-B      | 10FC-RY398-B-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | VANADIUM      | 5.2           | Y           |               |              |           | 5.2           | mg/kg | 8.3    | mg/kg |
| RY398-B      | 10FC-RY398-B-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | ZINC          | 6.2           | Y           |               |              |           | 6.2           | mg/kg | 2150   | mg/kg |
| RY398-B      | 10FC-RY398-B-002006 | 7/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | SELENIUM      | 3.6           | N           | U             |              | U         | 3.6           | mg/kg | 3.6    | mg/kg |
| RY503-F      | 10FC-RY503-F-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | ALUMINUM      | 20.0          | Y           | J             | J            |           | 20.0          | mg/kg | 24800  | mg/kg |
| RY503-F      | 10FC-RY503-F-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | IRON          | 10.0          | Y           | J             | J            |           | 10.0          | mg/kg | 17600  | mg/kg |
| RY503-F      | 10FC-RY503-F-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | LEAD          | 1.0           | Y           | J             | J            |           | 1.0           | mg/kg | 10.7   | mg/kg |
| RY503-F      | 10FC-RY503-F-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500           | mg/kg | 4420   | mg/kg |
| RY503-F      | 10FC-RY503-F-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | ANTIMONY      | 6.0           | N           | UJ            | UJ           | U         | 6.0           | mg/kg | 7.4    | mg/kg |
| RY503-F      | 10FC-RY503-F-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | ARSENIC       | 1.0           | Y           |               |              |           | 1.0           | mg/kg | 3.2    | mg/kg |
| RY503-F      | 10FC-RY503-F-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | BARIUM        | 20.0          | Y           | J             | J            |           | 20.0          | mg/kg | 238    | mg/kg |
| RY503-F      | 10FC-RY503-F-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | BERYLLIUM     | 0.50          | Y           | U             | 0.5U         | J         | 0.50          | mg/kg | 0.5    | mg/kg |
| RY503-F      | 10FC-RY503-F-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | CADMIUM       | 0.50          | Y           | U             | 0.5U         | J         | 0.50          | mg/kg | 0.5    | mg/kg |
| RY503-F      | 10FC-RY503-F-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | CHROMIUM      | 1.0           | Y           | J             | J            |           | 1.0           | mg/kg | 9.2    | mg/kg |
| RY503-F      | 10FC-RY503-F-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | COBALT        | 5.0           | Y           | J             | J            |           | 5.0           | mg/kg | 8.3    | mg/kg |
| RY503-F      | 10FC-RY503-F-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | COPPER        | 2.5           | Y           | J+            | J+           |           | 2.5           | mg/kg | 14.4   | mg/kg |
| RY503-F      | 10FC-RY503-F-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | CALCIUM       | 500           | Y           | J             | J            |           | 500           | mg/kg | 2980   | mg/kg |
| RY503-F      | 10FC-RY503-F-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | MANGANESE     | 1.5           | Y           | J             | J            |           | 1.5           | mg/kg | 1170   | mg/kg |
| RY503-F      | 10FC-RY503-F-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | NICKEL        | 4.0           | Y           | J             | J            |           | 4.0           | mg/kg | 11.5   | mg/kg |
| RY503-F      | 10FC-RY503-F-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | POTASSIUM     | 500           | Y           | J             | J            |           | 500           | mg/kg | 2410   | mg/kg |
| RY503-F      | 10FC-RY503-F-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | SILVER        | 1.0           | N           | U             |              | U         | 1.0           | mg/kg | 1.2    | mg/kg |
| RY503-F      | 10FC-RY503-F-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | SODIUM        | 500           | Y           | J             | J            | J         | 500           | mg/kg | 308    | mg/kg |
| RY503-F      | 10FC-RY503-F-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5           | mg/kg | 3.1    | mg/kg |
| RY503-F      | 10FC-RY503-F-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | VANADIUM      | 5.0           | Y           | J             | J            |           | 5.0           | mg/kg | 19.9   | mg/kg |
| RY503-F      | 10FC-RY503-F-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | ZINC          | 6.0           | Y           | J             | J            |           | 6.0           | mg/kg | 48.5   | mg/kg |
| RY503-F      | 10FC-RY503-F-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | SELENIUM      | 3.5           | Y           | J             |              | J         | 3.5           | mg/kg | 1.1    | mg/kg |
| RY504-A      | 10FC-RY504-A-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | ALUMINUM      | 20.0          | Y           | J             | J            |           | 20.0          | mg/kg | 23100  | mg/kg |
| RY504-A      | 10FC-RY504-A-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | IRON          | 10.0          | Y           | J             | J            |           | 10.0          | mg/kg | 16800  | mg/kg |
| RY504-A      | 10FC-RY504-A-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | LEAD          | 1.0           | Y           | J             | J            |           | 1.0           | mg/kg | 10.3   | mg/kg |
| RY504-A      | 10FC-RY504-A-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500           | mg/kg | 4100   | mg/kg |
| RY504-A      | 10FC-RY504-A-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | ANTIMONY      | 6.0           | N           | UJ            | UJ           | U         | 6.0           | mg/kg | 7.4    | mg/kg |
| RY504-A      | 10FC-RY504-A-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | ARSENIC       | 1.0           | Y           |               |              |           | 1.0           | mg/kg | 4.4    | mg/kg |
| RY504-A      | 10FC-RY504-A-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | BARIUM        | 20.0          | Y           | J             | J            |           | 20.0          | mg/kg | 260    | mg/kg |
| RY504-A      | 10FC-RY504-A-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | BERYLLIUM     | 0.50          | Y           | U             | 0.5U         | J         | 0.50          | mg/kg | 0.5    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

|              |                     |           |        |       |       |       |          |               |               | report |        |         |        |       |        | report |        |       |  |
|--------------|---------------------|-----------|--------|-------|-------|-------|----------|---------------|---------------|--------|--------|---------|--------|-------|--------|--------|--------|-------|--|
|              |                     | sample    | sample | start | end   | depth | analytic |               |               | result | detect | interp. | valid. | lab   | detect |        |        |       |  |
| sys loc code | sys sample code     | date      | type   | depth | depth | unit  | method   | analysis date | chemical name | limit  | flag   | quals   | quals  | quals | limit  | unit   | result | unit  |  |
| RY504-A      | 10FC-RY504-A-000002 | 6/23/2010 | N      | 0     | 2     | in    | C200.7   | 10/19/2010    | CADMIUM       | 0.50   | Y      | U       | 0.5U   | J     | 0.50   | mg/kg  | 0.5    | mg/kg |  |
| RY504-A      | 10FC-RY504-A-000002 | 6/23/2010 | N      | 0     | 2     | in    | C200.7   | 10/19/2010    | CHROMIUM      | 1.0    | Y      | J       | J      |       | 1.0    | mg/kg  | 8.7    | mg/kg |  |
| RY504-A      | 10FC-RY504-A-000002 | 6/23/2010 | N      | 0     | 2     | in    | C200.7   | 10/19/2010    | COBALT        | 5.0    | Y      | J       | J      |       | 5.0    | mg/kg  | 8.5    | mg/kg |  |
| RY504-A      | 10FC-RY504-A-000002 | 6/23/2010 | N      | 0     | 2     | in    | C200.7   | 10/19/2010    | COPPER        | 2.5    | Y      | J+      | J+     |       | 2.5    | mg/kg  | 14.1   | mg/kg |  |
| RY504-A      | 10FC-RY504-A-000002 | 6/23/2010 | N      | 0     | 2     | in    | C200.7   | 10/19/2010    | CALCIUM       | 500    | Y      | J       | J      |       | 500    | mg/kg  | 3480   | mg/kg |  |
| RY504-A      | 10FC-RY504-A-000002 | 6/23/2010 | N      | 0     | 2     | in    | C200.7   | 10/20/2010    | MANGANESE     | 1.5    | Y      | J       | J      |       | 1.5    | mg/kg  | 445    | mg/kg |  |
| RY504-A      | 10FC-RY504-A-000002 | 6/23/2010 | N      | 0     | 2     | in    | C200.7   | 10/20/2010    | NICKEL        | 4.0    | Y      | J       | J      |       | 4.0    | mg/kg  | 11.5   | mg/kg |  |
| RY504-A      | 10FC-RY504-A-000002 | 6/23/2010 | N      | 0     | 2     | in    | C200.7   | 10/20/2010    | POTASSIUM     | 500    | Y      | J       | J      |       | 500    | mg/kg  | 2240   | mg/kg |  |
| RY504-A      | 10FC-RY504-A-000002 | 6/23/2010 | N      | 0     | 2     | in    | C200.7   | 10/20/2010    | SILVER        | 1.0    | N      | U       |        | U     | 1.0    | mg/kg  | 1.2    | mg/kg |  |
| RY504-A      | 10FC-RY504-A-000002 | 6/23/2010 | N      | 0     | 2     | in    | C200.7   | 10/20/2010    | SODIUM        | 500    | Y      | J       | J      | J     | 500    | mg/kg  | 250    | mg/kg |  |
| RY504-A      | 10FC-RY504-A-000002 | 6/23/2010 | N      | 0     | 2     | in    | C200.7   | 10/20/2010    | THALLIUM      | 2.5    | N      | U       |        | U     | 2.5    | mg/kg  | 3.1    | mg/kg |  |
| RY504-A      | 10FC-RY504-A-000002 | 6/23/2010 | N      | 0     | 2     | in    | C200.7   | 10/20/2010    | VANADIUM      | 5.0    | Y      | J       | J      |       | 5.0    | mg/kg  | 19.2   | mg/kg |  |
| RY504-A      | 10FC-RY504-A-000002 | 6/23/2010 | N      | 0     | 2     | in    | C200.7   | 10/20/2010    | ZINC          | 6.0    | Y      | J       | J      |       | 6.0    | mg/kg  | 51.4   | mg/kg |  |
| RY504-A      | 10FC-RY504-A-000002 | 6/23/2010 | N      | 0     | 2     | in    | C200.7   | 10/20/2010    | SELENIUM      | 3.5    | Y      | J       |        | J     | 3.5    | mg/kg  | 1.3    | mg/kg |  |
| RY504-A      | 10FC-RY504-A-002006 | 6/23/2010 | N      | 2     | 6     | in    | C200.7   | 10/19/2010    | ALUMINUM      | 20.0   | Y      | J       | J      |       | 20.0   | mg/kg  | 17500  | mg/kg |  |
| RY504-A      | 10FC-RY504-A-002006 | 6/23/2010 | N      | 2     | 6     | in    | C200.7   | 10/19/2010    | IRON          | 10.0   | Y      | J       | J      |       | 10.0   | mg/kg  | 13100  | mg/kg |  |
| RY504-A      | 10FC-RY504-A-002006 | 6/23/2010 | N      | 2     | 6     | in    | C200.7   | 10/19/2010    | LEAD          | 1.0    | Y      | J       | J      |       | 1.0    | mg/kg  | 6.8    | mg/kg |  |
| RY504-A      | 10FC-RY504-A-002006 | 6/23/2010 | N      | 2     | 6     | in    | C200.7   | 10/19/2010    | MAGNESIUM     | 500    | Y      | J       | J      |       | 500    | mg/kg  | 3830   | mg/kg |  |
| RY504-A      | 10FC-RY504-A-002006 | 6/23/2010 | N      | 2     | 6     | in    | C200.7   | 10/19/2010    | MANGANESE     | 1.5    | Y      | J       | J      |       | 1.5    | mg/kg  | 494    | mg/kg |  |
| RY504-A      | 10FC-RY504-A-002006 | 6/23/2010 | N      | 2     | 6     | in    | C200.7   | 10/19/2010    | NICKEL        | 4.0    | Y      | J       | J      |       | 4.0    | mg/kg  | 9      | mg/kg |  |
| RY504-A      | 10FC-RY504-A-002006 | 6/23/2010 | N      | 2     | 6     | in    | C200.7   | 10/19/2010    | POTASSIUM     | 500    | Y      | J       | J      |       | 500    | mg/kg  | 1990   | mg/kg |  |
| RY504-A      | 10FC-RY504-A-002006 | 6/23/2010 | N      | 2     | 6     | in    | C200.7   | 10/19/2010    | SILVER        | 1.0    | N      | U       |        | U     | 1.0    | mg/kg  | 1.2    | mg/kg |  |
| RY504-A      | 10FC-RY504-A-002006 | 6/23/2010 | N      | 2     | 6     | in    | C200.7   | 10/19/2010    | SODIUM        | 500    | Y      | J       | J      | J     | 500    | mg/kg  | 215    | mg/kg |  |
| RY504-A      | 10FC-RY504-A-002006 | 6/23/2010 | N      | 2     | 6     | in    | C200.7   | 10/19/2010    | THALLIUM      | 2.5    | N      | U       |        | U     | 2.5    | mg/kg  | 3.1    | mg/kg |  |
| RY504-A      | 10FC-RY504-A-002006 | 6/23/2010 | N      | 2     | 6     | in    | C200.7   | 10/19/2010    | ANTIMONY      | 6.0    | N      | UJ      | UJ     | U     | 6.0    | mg/kg  | 7.4    | mg/kg |  |
| RY504-A      | 10FC-RY504-A-002006 | 6/23/2010 | N      | 2     | 6     | in    | C200.7   | 10/19/2010    | ARSENIC       | 1.0    | Y      |         |        |       | 1.0    | mg/kg  | 2.8    | mg/kg |  |
| RY504-A      | 10FC-RY504-A-002006 | 6/23/2010 | N      | 2     | 6     | in    | C200.7   | 10/19/2010    | BARIUM        | 20.0   | Y      | J       | J      |       | 20.0   | mg/kg  | 173    | mg/kg |  |
| RY504-A      | 10FC-RY504-A-002006 | 6/23/2010 | N      | 2     | 6     | in    | C200.7   | 10/19/2010    | BERYLLIUM     | 0.50   | Y      | U       | 0.5U   | J     | 0.50   | mg/kg  | 0.5    | mg/kg |  |
| RY504-A      | 10FC-RY504-A-002006 | 6/23/2010 | N      | 2     | 6     | in    | C200.7   | 10/19/2010    | CADMIUM       | 0.50   | Y      | U       | 0.5U   | J     | 0.50   | mg/kg  | 0.5    | mg/kg |  |
| RY504-A      | 10FC-RY504-A-002006 | 6/23/2010 | N      | 2     | 6     | in    | C200.7   | 10/19/2010    | CHROMIUM      | 1.0    | Y      | J       | J      |       | 1.0    | mg/kg  | 7.5    | mg/kg |  |
| RY504-A      | 10FC-RY504-A-002006 | 6/23/2010 | N      | 2     | 6     | in    | C200.7   | 10/19/2010    | COBALT        | 5.0    | Y      | J       | J      | J     | 5.0    | mg/kg  | 6.1    | mg/kg |  |
| RY504-A      | 10FC-RY504-A-002006 | 6/23/2010 | N      | 2     | 6     | in    | C200.7   | 10/19/2010    | COPPER        | 2.5    | Y      | J+      | J+     |       | 2.5    | mg/kg  | 11.1   | mg/kg |  |
| RY504-A      | 10FC-RY504-A-002006 | 6/23/2010 | N      | 2     | 6     | in    | C200.7   | 10/19/2010    | VANADIUM      | 5.0    | Y      | J       | J      |       | 5.0    | mg/kg  | 15.9   | mg/kg |  |
| RY504-A      | 10FC-RY504-A-002006 | 6/23/2010 | N      | 2     | 6     | in    | C200.7   | 10/19/2010    | ZINC          | 6.0    | Y      | J       | J      |       | 6.0    | mg/kg  | 37.2   | mg/kg |  |
| RY504-A      | 10FC-RY504-A-002006 | 6/23/2010 | N      | 2     | 6     | in    | C200.7   | 10/19/2010    | CALCIUM       | 500    | Y      | J       | J      |       | 500    | mg/kg  | 2460   | mg/kg |  |
| RY504-A      | 10FC-RY504-A-002006 | 6/23/2010 | N      | 2     | 6     | in    | C200.7   | 10/19/2010    | SELENIUM      | 3.5    | Y      | J       |        | J     | 3.5    | mg/kg  | 1      | mg/kg |  |
| RY504-A      | 10FC-RY504-A-006012 | 6/23/2010 | N      | 6     | 12    | in    | C200.7   | 10/19/2010    | ALUMINUM      | 20.0   | Y      | J       | J      |       | 20.0   | mg/kg  | 17800  | mg/kg |  |
| RY504-A      | 10FC-RY504-A-006012 | 6/23/2010 | N      | 6     | 12    | in    | C200.7   | 10/19/2010    | IRON          | 10.0   | Y      | J       | J      |       | 10.0   | mg/kg  | 14900  | mg/kg |  |
| RY504-A      | 10FC-RY504-A-006012 | 6/23/2010 | N      | 6     | 12    | in    | C200.7   | 10/19/2010    | LEAD          | 1.0    | Y      | J       | J      |       | 1.0    | mg/kg  | 6.5    | mg/kg |  |
| RY504-A      | 10FC-RY504-A-006012 | 6/23/2010 | N      | 6     | 12    | in    | C200.7   | 10/19/2010    | MAGNESIUM     | 500    | Y      | J       | J      |       | 500    | mg/kg  | 4580   | mg/kg |  |
| RY504-A      | 10FC-RY504-A-006012 | 6/23/2010 | N      | 6     | 12    | in    | C200.7   | 10/19/2010    | MANGANESE     | 1.5    | Y      | J       | J      |       | 1.5    | mg/kg  | 438    | mg/kg |  |
| RY504-A      | 10FC-RY504-A-006012 | 6/23/2010 | N      | 6     | 12    | in    | C200.7   | 10/19/2010    | NICKEL        | 4.0    | Y      | J       | J      |       | 4.0    | mg/kg  | 10.1   | mg/kg |  |
| RY504-A      | 10FC-RY504-A-006012 | 6/23/2010 | N      | 6     | 12    | in    | C200.7   | 10/19/2010    | POTASSIUM     | 500    | Y      | J       | J      |       | 500    | mg/kg  | 2000   | mg/kg |  |
| RY504-A      | 10FC-RY504-A-006012 | 6/23/2010 | N      | 6     | 12    | in    | C200.7   | 10/19/2010    | SILVER        | 1.0    | N      | U       |        | U     | 1.0    | mg/kg  | 1.2    | mg/kg |  |
| RY504-A      | 10FC-RY504-A-006012 | 6/23/2010 | N      | 6     | 12    | in    | C200.7   | 10/19/2010    | SODIUM        | 500    | Y      | J       | J      | J     | 500    | mg/kg  | 214    | mg/kg |  |
| RY504-A      | 10FC-RY504-A-006012 | 6/23/2010 | N      | 6     | 12    | in    | C200.7   | 10/19/2010    | THALLIUM      | 2.5    | N      | U       |        | U     | 2.5    | mg/kg  | 3      | mg/kg |  |
| RY504-A      | 10FC-RY504-A-006012 | 6/23/2010 | N      | 6     | 12    | in    | C200.7   | 10/19/2010    | ANTIMONY      | 6.0    | N      | UJ      | UJ     | U     | 6.0    | mg/kg  | 7.2    | mg/kg |  |
| RY504-A      | 10FC-RY504-A-006012 | 6/23/2010 | N      | 6     | 12    | in    | C200.7   | 10/19/2010    | ARSENIC       | 1.0    | Y      |         |        |       | 1.0    | mg/kg  | 5      | mg/kg |  |

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| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY504-A      | 10FC-RY504-A-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | BARIUM        | 20.0          | Y           | J             | J            |           | 20.0          | mg/kg | 171    | mg/kg |
| RY504-A      | 10FC-RY504-A-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | BERYLLIUM     | 0.50          | Y           | U             | 0.5U         | J         | 0.50          | mg/kg | 0.5    | mg/kg |
| RY504-A      | 10FC-RY504-A-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | CADMIUM       | 0.50          | Y           | U             | 0.5U         | J         | 0.50          | mg/kg | 0.5    | mg/kg |
| RY504-A      | 10FC-RY504-A-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | CHROMIUM      | 1.0           | Y           | J             | J            |           | 1.0           | mg/kg | 8.2    | mg/kg |
| RY504-A      | 10FC-RY504-A-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | COBALT        | 5.0           | Y           | J             | J            |           | 5.0           | mg/kg | 7      | mg/kg |
| RY504-A      | 10FC-RY504-A-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | COPPER        | 2.5           | Y           | J+            | J+           |           | 2.5           | mg/kg | 13.3   | mg/kg |
| RY504-A      | 10FC-RY504-A-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | VANADIUM      | 5.0           | Y           | J             | J            |           | 5.0           | mg/kg | 16.8   | mg/kg |
| RY504-A      | 10FC-RY504-A-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | ZINC          | 6.0           | Y           | J             | J            |           | 6.0           | mg/kg | 33.8   | mg/kg |
| RY504-A      | 10FC-RY504-A-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | CALCIUM       | 500           | Y           | J             | J            |           | 500           | mg/kg | 3460   | mg/kg |
| RY504-A      | 10FC-RY504-A-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | SELENIUM      | 3.5           | Y           | J             |              | J         | 3.5           | mg/kg | 1.1    | mg/kg |
| RY504-B      | 10FC-RY504-B-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | ALUMINUM      | 20.0          | Y           | J             | J            |           | 20.0          | mg/kg | 23400  | mg/kg |
| RY504-B      | 10FC-RY504-B-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | IRON          | 10.0          | Y           | J             | J            |           | 10.0          | mg/kg | 15800  | mg/kg |
| RY504-B      | 10FC-RY504-B-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | LEAD          | 1.0           | Y           | J             | J            |           | 1.0           | mg/kg | 9.7    | mg/kg |
| RY504-B      | 10FC-RY504-B-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500           | mg/kg | 3540   | mg/kg |
| RY504-B      | 10FC-RY504-B-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | ANTIMONY      | 6.0           | N           | UJ            | UJ           | U         | 6.0           | mg/kg | 7.7    | mg/kg |
| RY504-B      | 10FC-RY504-B-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | ARSENIC       | 1.0           | Y           |               |              |           | 1.0           | mg/kg | 3.2    | mg/kg |
| RY504-B      | 10FC-RY504-B-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | BARIUM        | 20.0          | Y           | J             | J            |           | 20.0          | mg/kg | 323    | mg/kg |
| RY504-B      | 10FC-RY504-B-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | BERYLLIUM     | 0.50          | Y           | U             | 0.5U         | J         | 0.50          | mg/kg | 0.5    | mg/kg |
| RY504-B      | 10FC-RY504-B-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | CADMIUM       | 0.50          | Y           | U             | 0.5U         | J         | 0.50          | mg/kg | 0.5    | mg/kg |
| RY504-B      | 10FC-RY504-B-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | CHROMIUM      | 1.0           | Y           | J             | J            |           | 1.0           | mg/kg | 7.9    | mg/kg |
| RY504-B      | 10FC-RY504-B-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | COBALT        | 5.0           | Y           | J             | J            |           | 5.0           | mg/kg | 7.1    | mg/kg |
| RY504-B      | 10FC-RY504-B-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | COPPER        | 2.5           | Y           | J+            | J+           |           | 2.5           | mg/kg | 11.5   | mg/kg |
| RY504-B      | 10FC-RY504-B-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | CALCIUM       | 500           | Y           | J             | J            |           | 500           | mg/kg | 3310   | mg/kg |
| RY504-B      | 10FC-RY504-B-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | MANGANESE     | 1.5           | Y           | J             | J            |           | 1.5           | mg/kg | 549    | mg/kg |
| RY504-B      | 10FC-RY504-B-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | NICKEL        | 4.0           | Y           | J             | J            |           | 4.0           | mg/kg | 8.7    | mg/kg |
| RY504-B      | 10FC-RY504-B-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | POTASSIUM     | 500           | Y           | J             | J            |           | 500           | mg/kg | 2160   | mg/kg |
| RY504-B      | 10FC-RY504-B-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | SILVER        | 1.0           | N           | U             |              | U         | 1.0           | mg/kg | 1.3    | mg/kg |
| RY504-B      | 10FC-RY504-B-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | SODIUM        | 500           | Y           | J             | J            | J         | 500           | mg/kg | 266    | mg/kg |
| RY504-B      | 10FC-RY504-B-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5           | mg/kg | 3.2    | mg/kg |
| RY504-B      | 10FC-RY504-B-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | VANADIUM      | 5.0           | Y           | J             | J            |           | 5.0           | mg/kg | 18.8   | mg/kg |
| RY504-B      | 10FC-RY504-B-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | ZINC          | 6.0           | Y           | J             | J            |           | 6.0           | mg/kg | 47.8   | mg/kg |
| RY504-B      | 10FC-RY504-B-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | SELENIUM      | 3.5           | Y           | J             |              | J         | 3.5           | mg/kg | 1.6    | mg/kg |
| RY504-B      | 10FC-RY504-B-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | ALUMINUM      | 20.0          | Y           | J             | J            |           | 20.0          | mg/kg | 24100  | mg/kg |
| RY504-B      | 10FC-RY504-B-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | IRON          | 10.0          | Y           | J             | J            |           | 10.0          | mg/kg | 18100  | mg/kg |
| RY504-B      | 10FC-RY504-B-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | LEAD          | 1.0           | Y           | J             | J            |           | 1.0           | mg/kg | 7.5    | mg/kg |
| RY504-B      | 10FC-RY504-B-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500           | mg/kg | 4020   | mg/kg |
| RY504-B      | 10FC-RY504-B-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | ANTIMONY      | 6.0           | N           | UJ            | UJ           | U         | 6.0           | mg/kg | 7.1    | mg/kg |
| RY504-B      | 10FC-RY504-B-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | ARSENIC       | 1.0           | Y           |               |              |           | 1.0           | mg/kg | 3.3    | mg/kg |
| RY504-B      | 10FC-RY504-B-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | BARIUM        | 20.0          | Y           | J             | J            |           | 20.0          | mg/kg | 262    | mg/kg |
| RY504-B      | 10FC-RY504-B-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | BERYLLIUM     | 0.50          | Y           | U             | 0.5U         | J         | 0.50          | mg/kg | 0.5    | mg/kg |
| RY504-B      | 10FC-RY504-B-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | CADMIUM       | 0.50          | Y           | U             | 0.5U         | J         | 0.50          | mg/kg | 0.5    | mg/kg |
| RY504-B      | 10FC-RY504-B-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | CHROMIUM      | 1.0           | Y           | J             | J            |           | 1.0           | mg/kg | 8.7    | mg/kg |
| RY504-B      | 10FC-RY504-B-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | COBALT        | 5.0           | Y           | J             | J            |           | 5.0           | mg/kg | 7.1    | mg/kg |
| RY504-B      | 10FC-RY504-B-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | COPPER        | 2.5           | Y           | J+            | J+           |           | 2.5           | mg/kg | 12.6   | mg/kg |
| RY504-B      | 10FC-RY504-B-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | CALCIUM       | 500           | Y           | J             | J            |           | 500           | mg/kg | 2220   | mg/kg |
| RY504-B      | 10FC-RY504-B-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | MANGANESE     | 1.5           | Y           | J             | J            |           | 1.5           | mg/kg | 265    | mg/kg |
| RY504-B      | 10FC-RY504-B-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | NICKEL        | 4.0           | Y           | J             | J            |           | 4.0           | mg/kg | 9.5    | mg/kg |
| RY504-B      | 10FC-RY504-B-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | POTASSIUM     | 500           | Y           | J             | J            |           | 500           | mg/kg | 2260   | mg/kg |



## Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report | detect flag | interp. quals | valid. quals | lab quals | report | result | unit        |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|--------|-------------|---------------|--------------|-----------|--------|--------|-------------|
|              |                     |             |             |             |           |            |                 |               |               | result |             |               |              |           | limit  |        |             |
| RY504-B      | 10FC-RY504-B-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | SILVER        | 1.0    | N           | U             |              | U         | 1.0    | mg/kg  | 1.2 mg/kg   |
| RY504-B      | 10FC-RY504-B-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | SODIUM        | 500    | Y           | J             | J            | J         | 500    | mg/kg  | 244 mg/kg   |
| RY504-B      | 10FC-RY504-B-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | THALLIUM      | 2.5    | N           | U             |              | U         | 2.5    | mg/kg  | 3 mg/kg     |
| RY504-B      | 10FC-RY504-B-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | VANADIUM      | 5.0    | Y           | J             | J            |           | 5.0    | mg/kg  | 23.8 mg/kg  |
| RY504-B      | 10FC-RY504-B-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | ZINC          | 6.0    | Y           | J             | J            |           | 6.0    | mg/kg  | 40 mg/kg    |
| RY504-B      | 10FC-RY504-B-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | SELENIUM      | 3.5    | Y           | J             |              | J         | 3.5    | mg/kg  | 1.4 mg/kg   |
| RY504-B      | 10FC-RY504-B-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | ALUMINUM      | 20.0   | Y           | J             | J            |           | 20.0   | mg/kg  | 22900 mg/kg |
| RY504-B      | 10FC-RY504-B-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | IRON          | 10.0   | Y           | J             | J            |           | 10.0   | mg/kg  | 16100 mg/kg |
| RY504-B      | 10FC-RY504-B-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | LEAD          | 1.0    | Y           | J             | J            |           | 1.0    | mg/kg  | 8.5 mg/kg   |
| RY504-B      | 10FC-RY504-B-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | MAGNESIUM     | 500    | Y           | J             | J            |           | 500    | mg/kg  | 3840 mg/kg  |
| RY504-B      | 10FC-RY504-B-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | MANGANESE     | 1.5    | Y           | J             | J            |           | 1.5    | mg/kg  | 584 mg/kg   |
| RY504-B      | 10FC-RY504-B-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | NICKEL        | 4.0    | Y           | J             | J            |           | 4.0    | mg/kg  | 10.6 mg/kg  |
| RY504-B      | 10FC-RY504-B-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | POTASSIUM     | 500    | Y           | J             | J            |           | 500    | mg/kg  | 2160 mg/kg  |
| RY504-B      | 10FC-RY504-B-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | SILVER        | 1.0    | N           | U             |              | U         | 1.0    | mg/kg  | 1.2 mg/kg   |
| RY504-B      | 10FC-RY504-B-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | SODIUM        | 500    | Y           | J             | J            | J         | 500    | mg/kg  | 264 mg/kg   |
| RY504-B      | 10FC-RY504-B-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | THALLIUM      | 2.5    | N           | U             |              | U         | 2.5    | mg/kg  | 3 mg/kg     |
| RY504-B      | 10FC-RY504-B-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | ANTIMONY      | 6.0    | N           | UJ            | UJ           | U         | 6.0    | mg/kg  | 7.3 mg/kg   |
| RY504-B      | 10FC-RY504-B-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | ARSENIC       | 1.0    | Y           |               |              |           | 1.0    | mg/kg  | 3.1 mg/kg   |
| RY504-B      | 10FC-RY504-B-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | BARIUM        | 20.0   | Y           | J             | J            |           | 20.0   | mg/kg  | 241 mg/kg   |
| RY504-B      | 10FC-RY504-B-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | BERYLLIUM     | 0.50   | Y           | U             | 0.5U         | J         | 0.50   | mg/kg  | 0.5 mg/kg   |
| RY504-B      | 10FC-RY504-B-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | CADMIUM       | 0.50   | Y           | U             | 0.5U         | J         | 0.50   | mg/kg  | 0.5 mg/kg   |
| RY504-B      | 10FC-RY504-B-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | CHROMIUM      | 1.0    | Y           | J             | J            |           | 1.0    | mg/kg  | 8.9 mg/kg   |
| RY504-B      | 10FC-RY504-B-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | COBALT        | 5.0    | Y           | J             | J            |           | 5.0    | mg/kg  | 7.7 mg/kg   |
| RY504-B      | 10FC-RY504-B-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | COPPER        | 2.5    | Y           | J+            | J+           |           | 2.5    | mg/kg  | 14 mg/kg    |
| RY504-B      | 10FC-RY504-B-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | VANADIUM      | 5.0    | Y           | J             | J            |           | 5.0    | mg/kg  | 21.5 mg/kg  |
| RY504-B      | 10FC-RY504-B-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | ZINC          | 6.0    | Y           | J             | J            |           | 6.0    | mg/kg  | 44 mg/kg    |
| RY504-B      | 10FC-RY504-B-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | CALCIUM       | 500    | Y           | J             | J            |           | 500    | mg/kg  | 2060 mg/kg  |
| RY504-B      | 10FC-RY504-B-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | SELENIUM      | 3.5    | Y           | J             |              | J         | 3.5    | mg/kg  | 0.99 mg/kg  |
| RY504-C      | 10FC-RY504-C-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | ALUMINUM      | 20.0   | Y           | J             | J            |           | 20.0   | mg/kg  | 16100 mg/kg |
| RY504-C      | 10FC-RY504-C-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | IRON          | 10.0   | Y           | J             | J            |           | 10.0   | mg/kg  | 13300 mg/kg |
| RY504-C      | 10FC-RY504-C-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | LEAD          | 1.0    | Y           | J             | J            |           | 1.0    | mg/kg  | 13.3 mg/kg  |
| RY504-C      | 10FC-RY504-C-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | MAGNESIUM     | 500    | Y           | J             | J            |           | 500    | mg/kg  | 3370 mg/kg  |
| RY504-C      | 10FC-RY504-C-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | ANTIMONY      | 6.0    | N           | UJ            | UJ           | U         | 6.0    | mg/kg  | 7.8 mg/kg   |
| RY504-C      | 10FC-RY504-C-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | ARSENIC       | 1.0    | Y           |               |              |           | 1.0    | mg/kg  | 2.6 mg/kg   |
| RY504-C      | 10FC-RY504-C-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | BARIUM        | 20.0   | Y           | J             | J            |           | 20.0   | mg/kg  | 227 mg/kg   |
| RY504-C      | 10FC-RY504-C-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | BERYLLIUM     | 0.50   | Y           | U             | 0.5U         | J         | 0.50   | mg/kg  | 0.5 mg/kg   |
| RY504-C      | 10FC-RY504-C-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | CADMIUM       | 0.50   | Y           | U             | 0.5U         | J         | 0.50   | mg/kg  | 0.5 mg/kg   |
| RY504-C      | 10FC-RY504-C-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | CHROMIUM      | 1.0    | Y           | J             | J            |           | 1.0    | mg/kg  | 7.4 mg/kg   |
| RY504-C      | 10FC-RY504-C-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | COBALT        | 5.0    | Y           | J             | J            | J         | 5.0    | mg/kg  | 4.9 mg/kg   |
| RY504-C      | 10FC-RY504-C-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | COPPER        | 2.5    | Y           | J+            | J+           |           | 2.5    | mg/kg  | 9.3 mg/kg   |
| RY504-C      | 10FC-RY504-C-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | CALCIUM       | 500    | Y           | J             | J            |           | 500    | mg/kg  | 3350 mg/kg  |
| RY504-C      | 10FC-RY504-C-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | MANGANESE     | 1.5    | Y           | J             | J            |           | 1.5    | mg/kg  | 279 mg/kg   |
| RY504-C      | 10FC-RY504-C-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | NICKEL        | 4.0    | Y           | J             | J            |           | 4.0    | mg/kg  | 6.6 mg/kg   |
| RY504-C      | 10FC-RY504-C-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | POTASSIUM     | 500    | Y           | J             | J            |           | 500    | mg/kg  | 2120 mg/kg  |
| RY504-C      | 10FC-RY504-C-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | SILVER        | 1.0    | N           | U             |              | U         | 1.0    | mg/kg  | 1.3 mg/kg   |
| RY504-C      | 10FC-RY504-C-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | SODIUM        | 500    | Y           | J             | J            | J         | 500    | mg/kg  | 273 mg/kg   |
| RY504-C      | 10FC-RY504-C-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | THALLIUM      | 2.5    | N           | U             |              | U         | 2.5    | mg/kg  | 3.2 mg/kg   |
| RY504-C      | 10FC-RY504-C-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | VANADIUM      | 5.0    | Y           | J             | J            |           | 5.0    | mg/kg  | 15.4 mg/kg  |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY504-C      | 10FC-RY504-C-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | ZINC          | 6.0           | Y           | J             | J            |           | 6.0           | mg/kg | 42.4   | mg/kg |
| RY504-C      | 10FC-RY504-C-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | SELENIUM      | 3.5           | Y           | J             |              | J         | 3.5           | mg/kg | 1.4    | mg/kg |
| RY504-C      | 10FC-RY504-C-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | ALUMINUM      | 20.0          | Y           | J             | J            |           | 20.0          | mg/kg | 14000  | mg/kg |
| RY504-C      | 10FC-RY504-C-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | IRON          | 10.0          | Y           | J             | J            |           | 10.0          | mg/kg | 13200  | mg/kg |
| RY504-C      | 10FC-RY504-C-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | LEAD          | 1.0           | Y           | J             | J            |           | 1.0           | mg/kg | 7.9    | mg/kg |
| RY504-C      | 10FC-RY504-C-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500           | mg/kg | 3640   | mg/kg |
| RY504-C      | 10FC-RY504-C-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | ANTIMONY      | 6.0           | N           | UJ            | UJ           | U         | 6.0           | mg/kg | 7.5    | mg/kg |
| RY504-C      | 10FC-RY504-C-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | ARSENIC       | 1.0           | Y           |               |              |           | 1.0           | mg/kg | 2.6    | mg/kg |
| RY504-C      | 10FC-RY504-C-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | BARIIUM       | 20.0          | Y           | J             | J            |           | 20.0          | mg/kg | 181    | mg/kg |
| RY504-C      | 10FC-RY504-C-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | BERYLLIUM     | 0.50          | Y           | U             | 0.5U         | J         | 0.50          | mg/kg | 0.5    | mg/kg |
| RY504-C      | 10FC-RY504-C-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | CADMIUM       | 0.50          | Y           | U             | 0.5U         | J         | 0.50          | mg/kg | 0.5    | mg/kg |
| RY504-C      | 10FC-RY504-C-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | CHROMIUM      | 1.0           | Y           | J             | J            |           | 1.0           | mg/kg | 7.2    | mg/kg |
| RY504-C      | 10FC-RY504-C-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | COBALT        | 5.0           | Y           | J             | J            | J         | 5.0           | mg/kg | 5.6    | mg/kg |
| RY504-C      | 10FC-RY504-C-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | COPPER        | 2.5           | Y           | J+            | J+           |           | 2.5           | mg/kg | 8.7    | mg/kg |
| RY504-C      | 10FC-RY504-C-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | CALCIUM       | 500           | Y           | J             | J            |           | 500           | mg/kg | 1850   | mg/kg |
| RY504-C      | 10FC-RY504-C-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | MANGANESE     | 1.5           | Y           | J             | J            |           | 1.5           | mg/kg | 500    | mg/kg |
| RY504-C      | 10FC-RY504-C-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | NICKEL        | 4.0           | Y           | J             | J            |           | 4.0           | mg/kg | 8.6    | mg/kg |
| RY504-C      | 10FC-RY504-C-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | POTASSIUM     | 500           | Y           | J             | J            |           | 500           | mg/kg | 1750   | mg/kg |
| RY504-C      | 10FC-RY504-C-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | SILVER        | 1.0           | N           | U             |              | U         | 1.0           | mg/kg | 1.2    | mg/kg |
| RY504-C      | 10FC-RY504-C-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | SODIUM        | 500           | Y           | J             | J            | J         | 500           | mg/kg | 148    | mg/kg |
| RY504-C      | 10FC-RY504-C-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5           | mg/kg | 3.1    | mg/kg |
| RY504-C      | 10FC-RY504-C-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | VANADIUM      | 5.0           | Y           | J             | J            |           | 5.0           | mg/kg | 13.9   | mg/kg |
| RY504-C      | 10FC-RY504-C-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | ZINC          | 6.0           | Y           | J             | J            |           | 6.0           | mg/kg | 50.1   | mg/kg |
| RY504-C      | 10FC-RY504-C-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | SELENIUM      | 3.5           | Y           | J             |              | J         | 3.5           | mg/kg | 0.89   | mg/kg |
| RY504-C      | 10FC-RY504-C-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | ALUMINUM      | 20.0          | Y           | J             | J            |           | 20.0          | mg/kg | 13600  | mg/kg |
| RY504-C      | 10FC-RY504-C-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | IRON          | 10.0          | Y           | J             | J            |           | 10.0          | mg/kg | 10500  | mg/kg |
| RY504-C      | 10FC-RY504-C-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | LEAD          | 1.0           | Y           | J             | J            |           | 1.0           | mg/kg | 4.8    | mg/kg |
| RY504-C      | 10FC-RY504-C-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500           | mg/kg | 2790   | mg/kg |
| RY504-C      | 10FC-RY504-C-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | MANGANESE     | 1.5           | Y           | J             | J            |           | 1.5           | mg/kg | 355    | mg/kg |
| RY504-C      | 10FC-RY504-C-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | NICKEL        | 4.0           | Y           | J             | J            |           | 4.0           | mg/kg | 6.6    | mg/kg |
| RY504-C      | 10FC-RY504-C-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | POTASSIUM     | 500           | Y           | J             | J            |           | 500           | mg/kg | 1430   | mg/kg |
| RY504-C      | 10FC-RY504-C-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | SILVER        | 1.0           | N           | U             |              | U         | 1.0           | mg/kg | 1.2    | mg/kg |
| RY504-C      | 10FC-RY504-C-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | SODIUM        | 500           | Y           | J             | J            | J         | 500           | mg/kg | 149    | mg/kg |
| RY504-C      | 10FC-RY504-C-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5           | mg/kg | 3      | mg/kg |
| RY504-C      | 10FC-RY504-C-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | ANTIMONY      | 6.0           | N           | UJ            | UJ           | U         | 6.0           | mg/kg | 7.3    | mg/kg |
| RY504-C      | 10FC-RY504-C-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | ARSENIC       | 1.0           | Y           |               |              |           | 1.0           | mg/kg | 2.4    | mg/kg |
| RY504-C      | 10FC-RY504-C-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | BARIIUM       | 20.0          | Y           | J             | J            |           | 20.0          | mg/kg | 129    | mg/kg |
| RY504-C      | 10FC-RY504-C-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | BERYLLIUM     | 0.50          | Y           | U             | 0.5U         | J         | 0.50          | mg/kg | 0.5    | mg/kg |
| RY504-C      | 10FC-RY504-C-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | CADMIUM       | 0.50          | Y           | U             | 0.5U         | J         | 0.50          | mg/kg | 0.5    | mg/kg |
| RY504-C      | 10FC-RY504-C-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | CHROMIUM      | 1.0           | Y           | J             | J            |           | 1.0           | mg/kg | 5.5    | mg/kg |
| RY504-C      | 10FC-RY504-C-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | COBALT        | 5.0           | Y           | J             | J            | J         | 5.0           | mg/kg | 5.6    | mg/kg |
| RY504-C      | 10FC-RY504-C-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | COPPER        | 2.5           | Y           | J+            | J+           |           | 2.5           | mg/kg | 8.8    | mg/kg |
| RY504-C      | 10FC-RY504-C-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | VANADIUM      | 5.0           | Y           | J             | J            |           | 5.0           | mg/kg | 11.8   | mg/kg |
| RY504-C      | 10FC-RY504-C-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | ZINC          | 6.0           | Y           | J             | J            |           | 6.0           | mg/kg | 25.9   | mg/kg |
| RY504-C      | 10FC-RY504-C-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | CALCIUM       | 500           | Y           | J             | J            |           | 500           | mg/kg | 1310   | mg/kg |
| RY504-C      | 10FC-RY504-C-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | SELENIUM      | 3.5           | Y           | J             |              | J         | 3.5           | mg/kg | 0.67   | mg/kg |
| RY504-D      | 10FC-RY504-D-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | ALUMINUM      | 20.0          | Y           | J             | J            |           | 20.0          | mg/kg | 8140   | mg/kg |
| RY504-D      | 10FC-RY504-D-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | IRON          | 10.0          | Y           | J             | J            |           | 10.0          | mg/kg | 11500  | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY504-D      | 10FC-RY504-D-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | LEAD          | 1.0                 | Y           | J             | J            |           | 1.0                 | mg/kg | 6.8    | mg/kg |
| RY504-D      | 10FC-RY504-D-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 6200   | mg/kg |
| RY504-D      | 10FC-RY504-D-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 334    | mg/kg |
| RY504-D      | 10FC-RY504-D-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | NICKEL        | 4.0                 | Y           | J             | J            |           | 4.0                 | mg/kg | 7.9    | mg/kg |
| RY504-D      | 10FC-RY504-D-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | POTASSIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 648    | mg/kg |
| RY504-D      | 10FC-RY504-D-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | SILVER        | 1.0                 | N           | U             |              | U         | 1.0                 | mg/kg | 1      | mg/kg |
| RY504-D      | 10FC-RY504-D-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | SODIUM        | 500                 | Y           | J             | J            | J         | 500                 | mg/kg | 146    | mg/kg |
| RY504-D      | 10FC-RY504-D-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY504-D      | 10FC-RY504-D-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | ANTIMONY      | 6.0                 | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 6.2    | mg/kg |
| RY504-D      | 10FC-RY504-D-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | ARSENIC       | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 3.7    | mg/kg |
| RY504-D      | 10FC-RY504-D-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | BARIUM        | 20.0                | Y           | J             | J            |           | 20.0                | mg/kg | 168    | mg/kg |
| RY504-D      | 10FC-RY504-D-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | BERYLLIUM     | 0.50                | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY504-D      | 10FC-RY504-D-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | CADMIUM       | 0.50                | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY504-D      | 10FC-RY504-D-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | CHROMIUM      | 1.0                 | Y           | J             | J            |           | 1.0                 | mg/kg | 7.3    | mg/kg |
| RY504-D      | 10FC-RY504-D-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | COBALT        | 5.0                 | Y           | J             | J            | J         | 5.0                 | mg/kg | 4.9    | mg/kg |
| RY504-D      | 10FC-RY504-D-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | COPPER        | 2.5                 | Y           | J+            | J+           |           | 2.5                 | mg/kg | 14     | mg/kg |
| RY504-D      | 10FC-RY504-D-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | VANADIUM      | 5.0                 | Y           | J             | J            | J         | 5.0                 | mg/kg | 4.6    | mg/kg |
| RY504-D      | 10FC-RY504-D-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | ZINC          | 6.0                 | Y           | J             | J            |           | 6.0                 | mg/kg | 39.4   | mg/kg |
| RY504-D      | 10FC-RY504-D-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 1430   | mg/kg |
| RY504-D      | 10FC-RY504-D-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.65   | mg/kg |
| RY504-D      | 10FC-RY504-D-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | ALUMINUM      | 20.0                | Y           | J             | J            |           | 20.0                | mg/kg | 16000  | mg/kg |
| RY504-D      | 10FC-RY504-D-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | IRON          | 10.0                | Y           | J             | J            |           | 10.0                | mg/kg | 16000  | mg/kg |
| RY504-D      | 10FC-RY504-D-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | LEAD          | 1.0                 | Y           | J             | J            |           | 1.0                 | mg/kg | 15.2   | mg/kg |
| RY504-D      | 10FC-RY504-D-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 5160   | mg/kg |
| RY504-D      | 10FC-RY504-D-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 403    | mg/kg |
| RY504-D      | 10FC-RY504-D-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | NICKEL        | 4.0                 | Y           | J             | J            |           | 4.0                 | mg/kg | 8.2    | mg/kg |
| RY504-D      | 10FC-RY504-D-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | POTASSIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 1470   | mg/kg |
| RY504-D      | 10FC-RY504-D-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | SILVER        | 1.0                 | N           | U             |              | U         | 1.0                 | mg/kg | 1      | mg/kg |
| RY504-D      | 10FC-RY504-D-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | SODIUM        | 500                 | Y           | J             | J            | J         | 500                 | mg/kg | 186    | mg/kg |
| RY504-D      | 10FC-RY504-D-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY504-D      | 10FC-RY504-D-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | ANTIMONY      | 6.0                 | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 6.2    | mg/kg |
| RY504-D      | 10FC-RY504-D-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | ARSENIC       | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 4.5    | mg/kg |
| RY504-D      | 10FC-RY504-D-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | BARIUM        | 20.0                | Y           | J             | J            |           | 20.0                | mg/kg | 201    | mg/kg |
| RY504-D      | 10FC-RY504-D-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | BERYLLIUM     | 0.50                | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY504-D      | 10FC-RY504-D-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | CADMIUM       | 0.50                | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY504-D      | 10FC-RY504-D-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | CHROMIUM      | 1.0                 | Y           | J             | J            |           | 1.0                 | mg/kg | 9.2    | mg/kg |
| RY504-D      | 10FC-RY504-D-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | COBALT        | 5.0                 | Y           | J             | J            | J         | 5.0                 | mg/kg | 5.1    | mg/kg |
| RY504-D      | 10FC-RY504-D-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | COPPER        | 2.5                 | Y           | J+            | J+           |           | 2.5                 | mg/kg | 11.6   | mg/kg |
| RY504-D      | 10FC-RY504-D-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | VANADIUM      | 5.0                 | Y           | J             | J            |           | 5.0                 | mg/kg | 13.5   | mg/kg |
| RY504-D      | 10FC-RY504-D-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | ZINC          | 6.0                 | Y           | J             | J            |           | 6.0                 | mg/kg | 32.6   | mg/kg |
| RY504-D      | 10FC-RY504-D-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 2080   | mg/kg |
| RY504-D      | 10FC-RY504-D-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 1.5    | mg/kg |
| RY504-D      | 10FC-RY504-D-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | ALUMINUM      | 20.0                | Y           | J             | J            |           | 20.0                | mg/kg | 15800  | mg/kg |
| RY504-D      | 10FC-RY504-D-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | IRON          | 10.0                | Y           | J             | J            |           | 10.0                | mg/kg | 14200  | mg/kg |
| RY504-D      | 10FC-RY504-D-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | LEAD          | 1.0                 | Y           | J             | J            |           | 1.0                 | mg/kg | 9.6    | mg/kg |
| RY504-D      | 10FC-RY504-D-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 5320   | mg/kg |
| RY504-D      | 10FC-RY504-D-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 500    | mg/kg |
| RY504-D      | 10FC-RY504-D-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | NICKEL        | 4.0                 | Y           | J             | J            |           | 4.0                 | mg/kg | 10     | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY504-D      | 10FC-RY504-D-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | POTASSIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 1640   | mg/kg |
| RY504-D      | 10FC-RY504-D-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | SILVER        | 1.0           | N           | U             |              | U         | 1.0                 | mg/kg | 1.1    | mg/kg |
| RY504-D      | 10FC-RY504-D-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | SODIUM        | 500           | Y           | J             | J            | J         | 500                 | mg/kg | 212    | mg/kg |
| RY504-D      | 10FC-RY504-D-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.8    | mg/kg |
| RY504-D      | 10FC-RY504-D-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | ANTIMONY      | 6.0           | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 6.7    | mg/kg |
| RY504-D      | 10FC-RY504-D-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | ARSENIC       | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 4.4    | mg/kg |
| RY504-D      | 10FC-RY504-D-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | BARIUM        | 20.0          | Y           | J             | J            |           | 20.0                | mg/kg | 215    | mg/kg |
| RY504-D      | 10FC-RY504-D-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | BERYLLIUM     | 0.50          | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY504-D      | 10FC-RY504-D-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | CADMIUM       | 0.50          | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY504-D      | 10FC-RY504-D-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | CHROMIUM      | 1.0           | Y           | J             | J            |           | 1.0                 | mg/kg | 8.5    | mg/kg |
| RY504-D      | 10FC-RY504-D-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | COBALT        | 5.0           | Y           | J             | J            |           | 5.0                 | mg/kg | 6.8    | mg/kg |
| RY504-D      | 10FC-RY504-D-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | COPPER        | 2.5           | Y           | J+            | J+           |           | 2.5                 | mg/kg | 12.4   | mg/kg |
| RY504-D      | 10FC-RY504-D-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | VANADIUM      | 5.0           | Y           | J             | J            |           | 5.0                 | mg/kg | 13.3   | mg/kg |
| RY504-D      | 10FC-RY504-D-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | ZINC          | 6.0           | Y           | J             | J            |           | 6.0                 | mg/kg | 42     | mg/kg |
| RY504-D      | 10FC-RY504-D-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | CALCIUM       | 500           | Y           | J             | J            |           | 500                 | mg/kg | 1950   | mg/kg |
| RY504-D      | 10FC-RY504-D-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | SELENIUM      | 3.5           | Y           | J             |              | J         | 3.5                 | mg/kg | 0.81   | mg/kg |
| RY504-E      | 10FC-RY504-E-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | ALUMINUM      | 20.0          | Y           | J             | J            |           | 20.0                | mg/kg | 7470   | mg/kg |
| RY504-E      | 10FC-RY504-E-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | IRON          | 10.0          | Y           | J             | J            |           | 10.0                | mg/kg | 6930   | mg/kg |
| RY504-E      | 10FC-RY504-E-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | LEAD          | 1.0           | Y           | J             | J            |           | 1.0                 | mg/kg | 5.3    | mg/kg |
| RY504-E      | 10FC-RY504-E-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 1960   | mg/kg |
| RY504-E      | 10FC-RY504-E-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | MANGANESE     | 1.5           | Y           | J             | J            |           | 1.5                 | mg/kg | 288    | mg/kg |
| RY504-E      | 10FC-RY504-E-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | NICKEL        | 4.0           | Y           | J             | J            | J         | 4.0                 | mg/kg | 4      | mg/kg |
| RY504-E      | 10FC-RY504-E-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | POTASSIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 994    | mg/kg |
| RY504-E      | 10FC-RY504-E-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | SILVER        | 1.0           | N           | U             |              | U         | 1.0                 | mg/kg | 1.2    | mg/kg |
| RY504-E      | 10FC-RY504-E-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | SODIUM        | 500           | Y           | J             | J            | J         | 500                 | mg/kg | 98.8   | mg/kg |
| RY504-E      | 10FC-RY504-E-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 3.1    | mg/kg |
| RY504-E      | 10FC-RY504-E-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | ANTIMONY      | 6.0           | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 7.4    | mg/kg |
| RY504-E      | 10FC-RY504-E-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | ARSENIC       | 1.0           | Y           | J             | J            | J         | 1.0                 | mg/kg | 1.1    | mg/kg |
| RY504-E      | 10FC-RY504-E-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | BARIUM        | 20.0          | Y           | J             | J            |           | 20.0                | mg/kg | 95.8   | mg/kg |
| RY504-E      | 10FC-RY504-E-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | BERYLLIUM     | 0.50          | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY504-E      | 10FC-RY504-E-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | CADMIUM       | 0.50          | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY504-E      | 10FC-RY504-E-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | CHROMIUM      | 1.0           | Y           | J             | J            |           | 1.0                 | mg/kg | 4      | mg/kg |
| RY504-E      | 10FC-RY504-E-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | COBALT        | 5.0           | Y           | J             | J            | J         | 5.0                 | mg/kg | 2.5    | mg/kg |
| RY504-E      | 10FC-RY504-E-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | COPPER        | 2.5           | Y           | J+            | J+           |           | 2.5                 | mg/kg | 6.3    | mg/kg |
| RY504-E      | 10FC-RY504-E-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | VANADIUM      | 5.0           | Y           | J             | J            |           | 5.0                 | mg/kg | 8.7    | mg/kg |
| RY504-E      | 10FC-RY504-E-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | ZINC          | 6.0           | Y           | J             | J            |           | 6.0                 | mg/kg | 15.8   | mg/kg |
| RY504-E      | 10FC-RY504-E-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | CALCIUM       | 500           | Y           | J             | J            |           | 500                 | mg/kg | 1300   | mg/kg |
| RY504-E      | 10FC-RY504-E-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | SELENIUM      | 3.5           | Y           | J             |              | J         | 3.5                 | mg/kg | 0.43   | mg/kg |
| RY504-E      | 10FC-RY504-E-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | ALUMINUM      | 20.0          | Y           | J             | J            |           | 20.0                | mg/kg | 17600  | mg/kg |
| RY504-E      | 10FC-RY504-E-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | IRON          | 10.0          | Y           | J             | J            |           | 10.0                | mg/kg | 14900  | mg/kg |
| RY504-E      | 10FC-RY504-E-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | LEAD          | 1.0           | Y           | J             | J            |           | 1.0                 | mg/kg | 13.5   | mg/kg |
| RY504-E      | 10FC-RY504-E-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 4340   | mg/kg |
| RY504-E      | 10FC-RY504-E-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | MANGANESE     | 1.5           | Y           | J             | J            |           | 1.5                 | mg/kg | 500    | mg/kg |
| RY504-E      | 10FC-RY504-E-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | NICKEL        | 4.0           | Y           | J             | J            |           | 4.0                 | mg/kg | 10.2   | mg/kg |
| RY504-E      | 10FC-RY504-E-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | POTASSIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 2210   | mg/kg |
| RY504-E      | 10FC-RY504-E-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | SILVER        | 1.0           | N           | U             |              | U         | 1.0                 | mg/kg | 1.2    | mg/kg |
| RY504-E      | 10FC-RY504-E-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | SODIUM        | 500           | Y           | J             | J            | J         | 500                 | mg/kg | 235    | mg/kg |
| RY504-E      | 10FC-RY504-E-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 3.1    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report       | detect flag | interp. quals | valid. quals | lab quals | report       | result | unit        |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|--------------|-------------|---------------|--------------|-----------|--------------|--------|-------------|
|              |                     |             |             |             |           |            |                 |               |               | result limit |             |               |              |           | detect limit |        |             |
| RY504-E      | 10FC-RY504-E-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | ANTIMONY      | 6.0          | N           | UJ            | UJ           | U         | 6.0          | mg/kg  | 7.3 mg/kg   |
| RY504-E      | 10FC-RY504-E-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | ARSENIC       | 1.0          | Y           |               |              |           | 1.0          | mg/kg  | 3.1 mg/kg   |
| RY504-E      | 10FC-RY504-E-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | BARIUM        | 20.0         | Y           | J             | J            |           | 20.0         | mg/kg  | 185 mg/kg   |
| RY504-E      | 10FC-RY504-E-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | BERYLLIUM     | 0.50         | Y           | U             | 0.5U         | J         | 0.50         | mg/kg  | 0.5 mg/kg   |
| RY504-E      | 10FC-RY504-E-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | CADMIUM       | 0.50         | Y           | U             | 0.5U         | J         | 0.50         | mg/kg  | 0.5 mg/kg   |
| RY504-E      | 10FC-RY504-E-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | CHROMIUM      | 1.0          | Y           | J             | J            |           | 1.0          | mg/kg  | 8.4 mg/kg   |
| RY504-E      | 10FC-RY504-E-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | COBALT        | 5.0          | Y           | J             | J            |           | 5.0          | mg/kg  | 7.2 mg/kg   |
| RY504-E      | 10FC-RY504-E-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | COPPER        | 2.5          | Y           | J+            | J+           |           | 2.5          | mg/kg  | 14.2 mg/kg  |
| RY504-E      | 10FC-RY504-E-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | VANADIUM      | 5.0          | Y           | J             | J            |           | 5.0          | mg/kg  | 16.7 mg/kg  |
| RY504-E      | 10FC-RY504-E-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | ZINC          | 6.0          | Y           | J             | J            |           | 6.0          | mg/kg  | 38.2 mg/kg  |
| RY504-E      | 10FC-RY504-E-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | CALCIUM       | 500          | Y           | J             | J            |           | 500          | mg/kg  | 2250 mg/kg  |
| RY504-E      | 10FC-RY504-E-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | SELENIUM      | 3.5          | Y           | J             |              | J         | 3.5          | mg/kg  | 0.89 mg/kg  |
| RY504-E      | 10FC-RY504-E-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | ALUMINUM      | 20.0         | Y           | J             | J            |           | 20.0         | mg/kg  | 17900 mg/kg |
| RY504-E      | 10FC-RY504-E-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | IRON          | 10.0         | Y           | J             | J            |           | 10.0         | mg/kg  | 14600 mg/kg |
| RY504-E      | 10FC-RY504-E-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | LEAD          | 1.0          | Y           | J             | J            |           | 1.0          | mg/kg  | 12.6 mg/kg  |
| RY504-E      | 10FC-RY504-E-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | MAGNESIUM     | 500          | Y           | J             | J            |           | 500          | mg/kg  | 4140 mg/kg  |
| RY504-E      | 10FC-RY504-E-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | MANGANESE     | 1.5          | Y           | J             | J            |           | 1.5          | mg/kg  | 551 mg/kg   |
| RY504-E      | 10FC-RY504-E-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | NICKEL        | 4.0          | Y           | J             | J            |           | 4.0          | mg/kg  | 9.3 mg/kg   |
| RY504-E      | 10FC-RY504-E-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | POTASSIUM     | 500          | Y           | J             | J            |           | 500          | mg/kg  | 2110 mg/kg  |
| RY504-E      | 10FC-RY504-E-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | SILVER        | 1.0          | N           | U             |              | U         | 1.0          | mg/kg  | 1.2 mg/kg   |
| RY504-E      | 10FC-RY504-E-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | SODIUM        | 500          | Y           | J             | J            | J         | 500          | mg/kg  | 247 mg/kg   |
| RY504-E      | 10FC-RY504-E-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | THALLIUM      | 2.5          | N           | U             |              | U         | 2.5          | mg/kg  | 3.1 mg/kg   |
| RY504-E      | 10FC-RY504-E-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | ANTIMONY      | 6.0          | N           | UJ            | UJ           | U         | 6.0          | mg/kg  | 7.4 mg/kg   |
| RY504-E      | 10FC-RY504-E-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | ARSENIC       | 1.0          | Y           |               |              |           | 1.0          | mg/kg  | 3.4 mg/kg   |
| RY504-E      | 10FC-RY504-E-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | BARIUM        | 20.0         | Y           | J             | J            |           | 20.0         | mg/kg  | 192 mg/kg   |
| RY504-E      | 10FC-RY504-E-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | BERYLLIUM     | 0.50         | Y           | U             | 0.5U         | J         | 0.50         | mg/kg  | 0.5 mg/kg   |
| RY504-E      | 10FC-RY504-E-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | CADMIUM       | 0.50         | Y           | U             | 0.5U         | J         | 0.50         | mg/kg  | 0.5 mg/kg   |
| RY504-E      | 10FC-RY504-E-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | CHROMIUM      | 1.0          | Y           | J             | J            |           | 1.0          | mg/kg  | 8.1 mg/kg   |
| RY504-E      | 10FC-RY504-E-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | COBALT        | 5.0          | Y           | J             | J            |           | 5.0          | mg/kg  | 6.5 mg/kg   |
| RY504-E      | 10FC-RY504-E-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | COPPER        | 2.5          | Y           | J+            | J+           |           | 2.5          | mg/kg  | 11.5 mg/kg  |
| RY504-E      | 10FC-RY504-E-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | VANADIUM      | 5.0          | Y           | J             | J            |           | 5.0          | mg/kg  | 16.5 mg/kg  |
| RY504-E      | 10FC-RY504-E-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | ZINC          | 6.0          | Y           | J             | J            |           | 6.0          | mg/kg  | 33.1 mg/kg  |
| RY504-E      | 10FC-RY504-E-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | CALCIUM       | 500          | Y           | J             | J            |           | 500          | mg/kg  | 2220 mg/kg  |
| RY504-E      | 10FC-RY504-E-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | SELENIUM      | 3.5          | Y           | J             |              | J         | 3.5          | mg/kg  | 0.99 mg/kg  |
| RY504-F      | 10FC-RY504-F-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | ALUMINUM      | 20.0         | Y           | J             | J            |           | 20.0         | mg/kg  | 6960 mg/kg  |
| RY504-F      | 10FC-RY504-F-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | IRON          | 10.0         | Y           | J             | J            |           | 10.0         | mg/kg  | 10000 mg/kg |
| RY504-F      | 10FC-RY504-F-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | LEAD          | 1.0          | Y           | J             | J            |           | 1.0          | mg/kg  | 4.8 mg/kg   |
| RY504-F      | 10FC-RY504-F-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | MAGNESIUM     | 500          | Y           | J             | J            |           | 500          | mg/kg  | 5270 mg/kg  |
| RY504-F      | 10FC-RY504-F-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | MANGANESE     | 1.5          | Y           | J             | J            |           | 1.5          | mg/kg  | 258 mg/kg   |
| RY504-F      | 10FC-RY504-F-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | NICKEL        | 4.0          | Y           | J             | J            |           | 4.0          | mg/kg  | 8.6 mg/kg   |
| RY504-F      | 10FC-RY504-F-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | POTASSIUM     | 500          | Y           | J             | J            |           | 500          | mg/kg  | 1630 mg/kg  |
| RY504-F      | 10FC-RY504-F-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | SILVER        | 1.0          | N           | U             |              | U         | 1.0          | mg/kg  | 1.1 mg/kg   |
| RY504-F      | 10FC-RY504-F-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | SODIUM        | 500          | Y           | J             | J            | J         | 500          | mg/kg  | 166 mg/kg   |
| RY504-F      | 10FC-RY504-F-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | THALLIUM      | 2.5          | N           | U             |              | U         | 2.5          | mg/kg  | 2.8 mg/kg   |
| RY504-F      | 10FC-RY504-F-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | ANTIMONY      | 6.0          | N           | UJ            | UJ           | U         | 6.0          | mg/kg  | 6.6 mg/kg   |
| RY504-F      | 10FC-RY504-F-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | ARSENIC       | 1.0          | Y           |               |              |           | 1.0          | mg/kg  | 2.4 mg/kg   |
| RY504-F      | 10FC-RY504-F-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | BARIUM        | 20.0         | Y           | J             | J            |           | 20.0         | mg/kg  | 62.1 mg/kg  |
| RY504-F      | 10FC-RY504-F-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | BERYLLIUM     | 0.50         | Y           | U             | 0.5U         | J         | 0.50         | mg/kg  | 0.5 mg/kg   |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY504-F      | 10FC-RY504-F-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | CADMIUM       | 0.50          | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY504-F      | 10FC-RY504-F-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | CHROMIUM      | 1.0           | Y           | J             | J            |           | 1.0                 | mg/kg | 7.4    | mg/kg |
| RY504-F      | 10FC-RY504-F-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | COBALT        | 5.0           | Y           | J             | J            | J         | 5.0                 | mg/kg | 4.5    | mg/kg |
| RY504-F      | 10FC-RY504-F-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | COPPER        | 2.5           | Y           | J+            | J+           |           | 2.5                 | mg/kg | 10.2   | mg/kg |
| RY504-F      | 10FC-RY504-F-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | VANADIUM      | 5.0           | Y           | J             | J            |           | 5.0                 | mg/kg | 8.4    | mg/kg |
| RY504-F      | 10FC-RY504-F-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | ZINC          | 6.0           | Y           | J             | J            |           | 6.0                 | mg/kg | 17.7   | mg/kg |
| RY504-F      | 10FC-RY504-F-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | CALCIUM       | 500           | Y           | J             | J            |           | 500                 | mg/kg | 3880   | mg/kg |
| RY504-F      | 10FC-RY504-F-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | SELENIUM      | 3.5           | Y           | J             |              | J         | 3.5                 | mg/kg | 0.59   | mg/kg |
| RY504-F      | 10FC-RY504-F-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | ALUMINUM      | 20.0          | Y           | J             | J            |           | 20.0                | mg/kg | 5980   | mg/kg |
| RY504-F      | 10FC-RY504-F-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | IRON          | 10.0          | Y           | J             | J            |           | 10.0                | mg/kg | 8880   | mg/kg |
| RY504-F      | 10FC-RY504-F-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | LEAD          | 1.0           | Y           | J             | J            |           | 1.0                 | mg/kg | 2.9    | mg/kg |
| RY504-F      | 10FC-RY504-F-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 4860   | mg/kg |
| RY504-F      | 10FC-RY504-F-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | MANGANESE     | 1.5           | Y           | J             | J            |           | 1.5                 | mg/kg | 194    | mg/kg |
| RY504-F      | 10FC-RY504-F-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | NICKEL        | 4.0           | Y           | J             | J            |           | 4.0                 | mg/kg | 6.9    | mg/kg |
| RY504-F      | 10FC-RY504-F-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | POTASSIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 1350   | mg/kg |
| RY504-F      | 10FC-RY504-F-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | SILVER        | 1.0           | N           | U             |              | U         | 1.0                 | mg/kg | 1.1    | mg/kg |
| RY504-F      | 10FC-RY504-F-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | SODIUM        | 500           | Y           | J             | J            | J         | 500                 | mg/kg | 147    | mg/kg |
| RY504-F      | 10FC-RY504-F-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.7    | mg/kg |
| RY504-F      | 10FC-RY504-F-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | ANTIMONY      | 6.0           | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 6.4    | mg/kg |
| RY504-F      | 10FC-RY504-F-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | ARSENIC       | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 1.6    | mg/kg |
| RY504-F      | 10FC-RY504-F-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | BARIUM        | 20.0          | Y           | J             | J            |           | 20.0                | mg/kg | 40.7   | mg/kg |
| RY504-F      | 10FC-RY504-F-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | BERYLLIUM     | 0.50          | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY504-F      | 10FC-RY504-F-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | CADMIUM       | 0.50          | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY504-F      | 10FC-RY504-F-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | CHROMIUM      | 1.0           | Y           | J             | J            |           | 1.0                 | mg/kg | 7.4    | mg/kg |
| RY504-F      | 10FC-RY504-F-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | COBALT        | 5.0           | Y           | J             | J            | J         | 5.0                 | mg/kg | 3      | mg/kg |
| RY504-F      | 10FC-RY504-F-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | COPPER        | 2.5           | Y           | J+            | J+           |           | 2.5                 | mg/kg | 7.9    | mg/kg |
| RY504-F      | 10FC-RY504-F-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | VANADIUM      | 5.0           | Y           | J             | J            |           | 5.0                 | mg/kg | 7.2    | mg/kg |
| RY504-F      | 10FC-RY504-F-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | ZINC          | 6.0           | Y           | J             | J            |           | 6.0                 | mg/kg | 11.7   | mg/kg |
| RY504-F      | 10FC-RY504-F-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | CALCIUM       | 500           | Y           | J             | J            |           | 500                 | mg/kg | 4350   | mg/kg |
| RY504-F      | 10FC-RY504-F-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | SELENIUM      | 3.5           | Y           | J             |              | J         | 3.5                 | mg/kg | 0.76   | mg/kg |
| RY504-F      | 10FC-RY504-F-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | ALUMINUM      | 20.0          | Y           | J             | J            |           | 20.0                | mg/kg | 7230   | mg/kg |
| RY504-F      | 10FC-RY504-F-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | IRON          | 10.0          | Y           | J             | J            |           | 10.0                | mg/kg | 11000  | mg/kg |
| RY504-F      | 10FC-RY504-F-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | LEAD          | 1.0           | Y           | J             | J            |           | 1.0                 | mg/kg | 3      | mg/kg |
| RY504-F      | 10FC-RY504-F-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 5550   | mg/kg |
| RY504-F      | 10FC-RY504-F-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | MANGANESE     | 1.5           | Y           | J             | J            |           | 1.5                 | mg/kg | 232    | mg/kg |
| RY504-F      | 10FC-RY504-F-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | NICKEL        | 4.0           | Y           | J             | J            |           | 4.0                 | mg/kg | 6.6    | mg/kg |
| RY504-F      | 10FC-RY504-F-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | POTASSIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 1480   | mg/kg |
| RY504-F      | 10FC-RY504-F-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | SILVER        | 1.0           | N           | U             |              | U         | 1.0                 | mg/kg | 1.1    | mg/kg |
| RY504-F      | 10FC-RY504-F-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | SODIUM        | 500           | Y           | J             | J            | J         | 500                 | mg/kg | 180    | mg/kg |
| RY504-F      | 10FC-RY504-F-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.7    | mg/kg |
| RY504-F      | 10FC-RY504-F-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | ANTIMONY      | 6.0           | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 6.5    | mg/kg |
| RY504-F      | 10FC-RY504-F-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | ARSENIC       | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 2.8    | mg/kg |
| RY504-F      | 10FC-RY504-F-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | BARIUM        | 20.0          | Y           | J             | J            |           | 20.0                | mg/kg | 48.1   | mg/kg |
| RY504-F      | 10FC-RY504-F-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | BERYLLIUM     | 0.50          | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY504-F      | 10FC-RY504-F-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | CADMIUM       | 0.50          | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY504-F      | 10FC-RY504-F-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | CHROMIUM      | 1.0           | Y           | J             | J            |           | 1.0                 | mg/kg | 7.6    | mg/kg |
| RY504-F      | 10FC-RY504-F-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | COBALT        | 5.0           | Y           | J             | J            | J         | 5.0                 | mg/kg | 4      | mg/kg |
| RY504-F      | 10FC-RY504-F-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | COPPER        | 2.5           | Y           | J+            | J+           |           | 2.5                 | mg/kg | 9.4    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY504-F      | 10FC-RY504-F-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | VANADIUM      | 5.0           | Y           | J             | J            |           | 5.0                 | mg/kg | 9.2    | mg/kg |
| RY504-F      | 10FC-RY504-F-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | ZINC          | 6.0           | Y           | J             | J            |           | 6.0                 | mg/kg | 13.7   | mg/kg |
| RY504-F      | 10FC-RY504-F-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | CALCIUM       | 500           | Y           | J             | J            |           | 500                 | mg/kg | 4670   | mg/kg |
| RY504-F      | 10FC-RY504-F-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | SELENIUM      | 3.5           | Y           | J             |              | J         | 3.5                 | mg/kg | 0.86   | mg/kg |
| RY505-A      | 10FC-RY505-A-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | ALUMINUM      | 20.0          | Y           | J             | J            |           | 20.0                | mg/kg | 10900  | mg/kg |
| RY505-A      | 10FC-RY505-A-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | IRON          | 10.0          | Y           | J             | J            |           | 10.0                | mg/kg | 11100  | mg/kg |
| RY505-A      | 10FC-RY505-A-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | LEAD          | 1.0           | Y           | J             | J            |           | 1.0                 | mg/kg | 9.2    | mg/kg |
| RY505-A      | 10FC-RY505-A-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 3310   | mg/kg |
| RY505-A      | 10FC-RY505-A-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | MANGANESE     | 1.5           | Y           | J             | J            |           | 1.5                 | mg/kg | 311    | mg/kg |
| RY505-A      | 10FC-RY505-A-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | NICKEL        | 4.0           | Y           | J             | J            |           | 4.0                 | mg/kg | 6.3    | mg/kg |
| RY505-A      | 10FC-RY505-A-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | POTASSIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 1090   | mg/kg |
| RY505-A      | 10FC-RY505-A-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | SILVER        | 1.0           | N           | U             |              | U         | 1.0                 | mg/kg | 1.1    | mg/kg |
| RY505-A      | 10FC-RY505-A-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | SODIUM        | 500           | Y           | J             | J            | J         | 500                 | mg/kg | 193    | mg/kg |
| RY505-A      | 10FC-RY505-A-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.8    | mg/kg |
| RY505-A      | 10FC-RY505-A-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | ANTIMONY      | 6.0           | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 6.6    | mg/kg |
| RY505-A      | 10FC-RY505-A-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | ARSENIC       | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 1.8    | mg/kg |
| RY505-A      | 10FC-RY505-A-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | BARIUM        | 20.0          | Y           | J             | J            |           | 20.0                | mg/kg | 113    | mg/kg |
| RY505-A      | 10FC-RY505-A-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | BERYLLIUM     | 0.50          | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY505-A      | 10FC-RY505-A-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | CADMIUM       | 0.50          | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY505-A      | 10FC-RY505-A-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | CHROMIUM      | 1.0           | Y           | J             | J            |           | 1.0                 | mg/kg | 7.5    | mg/kg |
| RY505-A      | 10FC-RY505-A-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | COBALT        | 5.0           | Y           | J             | J            | J         | 5.0                 | mg/kg | 5.5    | mg/kg |
| RY505-A      | 10FC-RY505-A-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | COPPER        | 2.5           | Y           | J+            | J+           |           | 2.5                 | mg/kg | 8.7    | mg/kg |
| RY505-A      | 10FC-RY505-A-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | VANADIUM      | 5.0           | Y           | J             | J            |           | 5.0                 | mg/kg | 13.2   | mg/kg |
| RY505-A      | 10FC-RY505-A-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | ZINC          | 6.0           | Y           | J             | J            |           | 6.0                 | mg/kg | 31.7   | mg/kg |
| RY505-A      | 10FC-RY505-A-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | CALCIUM       | 500           | Y           | J             | J            |           | 500                 | mg/kg | 2250   | mg/kg |
| RY505-A      | 10FC-RY505-A-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | SELENIUM      | 3.5           | Y           | J             |              | J         | 3.5                 | mg/kg | 0.77   | mg/kg |
| RY502-D      | 10FC-RY502-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | ALUMINUM      | 20.0          | Y           | J             | J            |           | 20.0                | mg/kg | 7050   | mg/kg |
| RY502-D      | 10FC-RY502-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | IRON          | 10.0          | Y           | J             | J            |           | 10.0                | mg/kg | 12000  | mg/kg |
| RY502-D      | 10FC-RY502-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | LEAD          | 1.0           | Y           | J+            | J+           |           | 1.0                 | mg/kg | 4.6    | mg/kg |
| RY502-D      | 10FC-RY502-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 6200   | mg/kg |
| RY502-D      | 10FC-RY502-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | MANGANESE     | 1.5           | Y           | J-            | J-           |           | 1.5                 | mg/kg | 317    | mg/kg |
| RY502-D      | 10FC-RY502-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | NICKEL        | 4.0           | Y           | J             | J            |           | 4.0                 | mg/kg | 10.2   | mg/kg |
| RY502-D      | 10FC-RY502-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | POTASSIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 1250   | mg/kg |
| RY502-D      | 10FC-RY502-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | SILVER        | 1.0           | N           | U             |              | U         | 1.0                 | mg/kg | 1      | mg/kg |
| RY502-D      | 10FC-RY502-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | SODIUM        | 500           | Y           | J             |              | J         | 500                 | mg/kg | 94.7   | mg/kg |
| RY502-D      | 10FC-RY502-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY502-D      | 10FC-RY502-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | ANTIMONY      | 6.0           | N           | R             | R            | U         | 6.0                 | mg/kg | 6.2    | mg/kg |
| RY502-D      | 10FC-RY502-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | ARSENIC       | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 3.2    | mg/kg |
| RY502-D      | 10FC-RY502-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | BARIUM        | 20.0          | Y           | J             | J            |           | 20.0                | mg/kg | 113    | mg/kg |
| RY502-D      | 10FC-RY502-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | BERYLLIUM     | 0.50          | Y           | J             |              | J         | 0.50                | mg/kg | 0.27   | mg/kg |
| RY502-D      | 10FC-RY502-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | CADMIUM       | 0.50          | Y           | J             |              | J         | 0.50                | mg/kg | 0.063  | mg/kg |
| RY502-D      | 10FC-RY502-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | CHROMIUM      | 1.0           | Y           | J             | J            |           | 1.0                 | mg/kg | 8.3    | mg/kg |
| RY502-D      | 10FC-RY502-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | COBALT        | 5.0           | Y           | J             | J            |           | 5.0                 | mg/kg | 6.7    | mg/kg |
| RY502-D      | 10FC-RY502-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | COPPER        | 2.5           | Y           | J+            | J+           |           | 2.5                 | mg/kg | 16.8   | mg/kg |
| RY502-D      | 10FC-RY502-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | VANADIUM      | 5.0           | Y           | J             | J            |           | 5.0                 | mg/kg | 9.1    | mg/kg |
| RY502-D      | 10FC-RY502-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | ZINC          | 6.0           | Y           | J             | J            |           | 6.0                 | mg/kg | 25.5   | mg/kg |
| RY502-D      | 10FC-RY502-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | CALCIUM       | 500           | Y           | J             | J            |           | 500                 | mg/kg | 8400   | mg/kg |
| RY502-D      | 10FC-RY502-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | SELENIUM      | 3.5           | Y           | J             |              | J         | 3.5                 | mg/kg | 0.58   | mg/kg |

## Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY502-D      | 10FC-RY502-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | ALUMINUM      | 20.0          | Y           | J             | J            |           | 20.0                | mg/kg | 3660   | mg/kg |
| RY502-D      | 10FC-RY502-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | IRON          | 10.0          | Y           | J             | J            |           | 10.0                | mg/kg | 5500   | mg/kg |
| RY502-D      | 10FC-RY502-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | LEAD          | 1.0           | Y           | J+            | J+           |           | 1.0                 | mg/kg | 2.7    | mg/kg |
| RY502-D      | 10FC-RY502-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 2480   | mg/kg |
| RY502-D      | 10FC-RY502-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | MANGANESE     | 1.5           | Y           | J-            | J-           |           | 1.5                 | mg/kg | 141    | mg/kg |
| RY502-D      | 10FC-RY502-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | NICKEL        | 4.0           | Y           | J             | J            |           | 4.0                 | mg/kg | 4.5    | mg/kg |
| RY502-D      | 10FC-RY502-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | POTASSIUM     | 500           | Y           | J             | J            | J         | 500                 | mg/kg | 438    | mg/kg |
| RY502-D      | 10FC-RY502-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | SILVER        | 1.0           | N           | U             |              | U         | 1.0                 | mg/kg | 1      | mg/kg |
| RY502-D      | 10FC-RY502-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | SODIUM        | 500           | Y           | J             |              | J         | 500                 | mg/kg | 42.9   | mg/kg |
| RY502-D      | 10FC-RY502-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY502-D      | 10FC-RY502-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | ANTIMONY      | 6.0           | N           | R             | R            | U         | 6.0                 | mg/kg | 6.1    | mg/kg |
| RY502-D      | 10FC-RY502-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | ARSENIC       | 1.0           | Y           | J             |              | J         | 1.0                 | mg/kg | 1      | mg/kg |
| RY502-D      | 10FC-RY502-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | BARIUM        | 20.0          | Y           | J             | J            |           | 20.0                | mg/kg | 147    | mg/kg |
| RY502-D      | 10FC-RY502-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | BERYLLIUM     | 0.50          | Y           | J             |              | J         | 0.50                | mg/kg | 0.14   | mg/kg |
| RY502-D      | 10FC-RY502-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | CADMIUM       | 0.50          | N           | U             |              | U         | 0.50                | mg/kg | 0.51   | mg/kg |
| RY502-D      | 10FC-RY502-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | CHROMIUM      | 1.0           | Y           | J             | J            |           | 1.0                 | mg/kg | 3.8    | mg/kg |
| RY502-D      | 10FC-RY502-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | COBALT        | 5.0           | Y           | J             | J            | J         | 5.0                 | mg/kg | 3.7    | mg/kg |
| RY502-D      | 10FC-RY502-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | COPPER        | 2.5           | Y           | J+            | J+           |           | 2.5                 | mg/kg | 11.7   | mg/kg |
| RY502-D      | 10FC-RY502-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | VANADIUM      | 5.0           | Y           | J             | J            | J         | 5.0                 | mg/kg | 3.2    | mg/kg |
| RY502-D      | 10FC-RY502-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | ZINC          | 6.0           | Y           | J             | J            |           | 6.0                 | mg/kg | 15.8   | mg/kg |
| RY502-D      | 10FC-RY502-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | CALCIUM       | 500           | Y           | J             | J            |           | 500                 | mg/kg | 1510   | mg/kg |
| RY502-D      | 10FC-RY502-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | SELENIUM      | 3.5           | Y           | J             |              | J         | 3.5                 | mg/kg | 0.33   | mg/kg |
| RY502-D      | 10FC-RY502-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | ALUMINUM      | 20.0          | Y           | J             | J            |           | 20.0                | mg/kg | 5360   | mg/kg |
| RY502-D      | 10FC-RY502-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | IRON          | 10.0          | Y           | J             | J            |           | 10.0                | mg/kg | 6990   | mg/kg |
| RY502-D      | 10FC-RY502-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | LEAD          | 1.0           | Y           | J+            | J+           |           | 1.0                 | mg/kg | 2.7    | mg/kg |
| RY502-D      | 10FC-RY502-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 2850   | mg/kg |
| RY502-D      | 10FC-RY502-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | MANGANESE     | 1.5           | Y           | J-            | J-           |           | 1.5                 | mg/kg | 273    | mg/kg |
| RY502-D      | 10FC-RY502-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | NICKEL        | 4.0           | Y           | J             | J            |           | 4.0                 | mg/kg | 5.9    | mg/kg |
| RY502-D      | 10FC-RY502-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | POTASSIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 661    | mg/kg |
| RY502-D      | 10FC-RY502-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | SILVER        | 1.0           | N           | U             |              | U         | 1.0                 | mg/kg | 1.1    | mg/kg |
| RY502-D      | 10FC-RY502-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | SODIUM        | 500           | Y           | J             |              | J         | 500                 | mg/kg | 70.3   | mg/kg |
| RY502-D      | 10FC-RY502-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.8    | mg/kg |
| RY502-D      | 10FC-RY502-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | ANTIMONY      | 6.0           | N           | R             | R            | U         | 6.0                 | mg/kg | 6.6    | mg/kg |
| RY502-D      | 10FC-RY502-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | ARSENIC       | 1.0           | Y           | J             |              | J         | 1.0                 | mg/kg | 0.9    | mg/kg |
| RY502-D      | 10FC-RY502-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | BARIUM        | 20.0          | Y           | J             | J            |           | 20.0                | mg/kg | 161    | mg/kg |
| RY502-D      | 10FC-RY502-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | BERYLLIUM     | 0.50          | Y           | J             |              | J         | 0.50                | mg/kg | 0.15   | mg/kg |
| RY502-D      | 10FC-RY502-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | CADMIUM       | 0.50          | Y           | J             |              | J         | 0.50                | mg/kg | 0.038  | mg/kg |
| RY502-D      | 10FC-RY502-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | CHROMIUM      | 1.0           | Y           | J             | J            |           | 1.0                 | mg/kg | 4.4    | mg/kg |
| RY502-D      | 10FC-RY502-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | COBALT        | 5.0           | Y           | J             | J            | J         | 5.0                 | mg/kg | 4.3    | mg/kg |
| RY502-D      | 10FC-RY502-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | COPPER        | 2.5           | Y           | J+            | J+           |           | 2.5                 | mg/kg | 13.8   | mg/kg |
| RY502-D      | 10FC-RY502-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | VANADIUM      | 5.0           | Y           | J             | J            | J         | 5.0                 | mg/kg | 4.6    | mg/kg |
| RY502-D      | 10FC-RY502-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | ZINC          | 6.0           | Y           | J             | J            |           | 6.0                 | mg/kg | 21.1   | mg/kg |
| RY502-D      | 10FC-RY502-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | CALCIUM       | 500           | Y           | J             | J            |           | 500                 | mg/kg | 2420   | mg/kg |
| RY502-D      | 10FC-RY502-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | SELENIUM      | 3.5           | Y           | J             |              | J         | 3.5                 | mg/kg | 0.59   | mg/kg |
| RY503-A      | 10FC-RY503-A-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | ALUMINUM      | 20.0          | Y           | J             | J            |           | 20.0                | mg/kg | 3900   | mg/kg |
| RY503-A      | 10FC-RY503-A-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | IRON          | 10.0          | Y           | J             | J            |           | 10.0                | mg/kg | 4930   | mg/kg |
| RY503-A      | 10FC-RY503-A-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | LEAD          | 1.0           | Y           | J+            | J+           |           | 1.0                 | mg/kg | 6      | mg/kg |
| RY503-A      | 10FC-RY503-A-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 1660   | mg/kg |



Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY503-A      | 10FC-RY503-A-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | MANGANESE     | 1.5                 | Y           | J-            | J-           |           | 1.5                 | mg/kg | 318    | mg/kg |
| RY503-A      | 10FC-RY503-A-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | NICKEL        | 4.0                 | Y           | J             | J            | J         | 4.0                 | mg/kg | 3.5    | mg/kg |
| RY503-A      | 10FC-RY503-A-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | POTASSIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 888    | mg/kg |
| RY503-A      | 10FC-RY503-A-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | SILVER        | 1.0                 | N           | U             |              | U         | 1.0                 | mg/kg | 1.2    | mg/kg |
| RY503-A      | 10FC-RY503-A-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 44.9   | mg/kg |
| RY503-A      | 10FC-RY503-A-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 3      | mg/kg |
| RY503-A      | 10FC-RY503-A-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | ANTIMONY      | 6.0                 | N           | R             | R            | U         | 6.0                 | mg/kg | 7.2    | mg/kg |
| RY503-A      | 10FC-RY503-A-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | ARSENIC       | 1.0                 | Y           | J             |              | J         | 1.0                 | mg/kg | 0.68   | mg/kg |
| RY503-A      | 10FC-RY503-A-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | BARIUM        | 20.0                | Y           | J             | J            |           | 20.0                | mg/kg | 72.9   | mg/kg |
| RY503-A      | 10FC-RY503-A-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | BERYLLIUM     | 0.50                | Y           | J             |              | J         | 0.50                | mg/kg | 0.05   | mg/kg |
| RY503-A      | 10FC-RY503-A-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | CADMIUM       | 0.50                | Y           | J             |              | J         | 0.50                | mg/kg | 0.066  | mg/kg |
| RY503-A      | 10FC-RY503-A-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | CHROMIUM      | 1.0                 | Y           | J             | J            |           | 1.0                 | mg/kg | 3.3    | mg/kg |
| RY503-A      | 10FC-RY503-A-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | COBALT        | 5.0                 | Y           | J             | J            | J         | 5.0                 | mg/kg | 2.3    | mg/kg |
| RY503-A      | 10FC-RY503-A-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | COPPER        | 2.5                 | Y           | J+            | J+           |           | 2.5                 | mg/kg | 5.5    | mg/kg |
| RY503-A      | 10FC-RY503-A-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | VANADIUM      | 5.0                 | Y           | J             | J            | J         | 5.0                 | mg/kg | 5.9    | mg/kg |
| RY503-A      | 10FC-RY503-A-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | ZINC          | 6.0                 | Y           | J             | J            |           | 6.0                 | mg/kg | 23.8   | mg/kg |
| RY503-A      | 10FC-RY503-A-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 1190   | mg/kg |
| RY503-A      | 10FC-RY503-A-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 4.2    | mg/kg |
| RY503-A      | 10FC-RY503-A-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | ALUMINUM      | 20.0                | Y           | J             | J            |           | 20.0                | mg/kg | 5750   | mg/kg |
| RY503-A      | 10FC-RY503-A-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | IRON          | 10.0                | Y           | J             | J            |           | 10.0                | mg/kg | 6250   | mg/kg |
| RY503-A      | 10FC-RY503-A-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | LEAD          | 1.0                 | Y           | J+            | J+           |           | 1.0                 | mg/kg | 6.6    | mg/kg |
| RY503-A      | 10FC-RY503-A-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 1960   | mg/kg |
| RY503-A      | 10FC-RY503-A-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | MANGANESE     | 1.5                 | Y           | J-            | J-           |           | 1.5                 | mg/kg | 247    | mg/kg |
| RY503-A      | 10FC-RY503-A-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | NICKEL        | 4.0                 | Y           | J             | J            |           | 4.0                 | mg/kg | 4.5    | mg/kg |
| RY503-A      | 10FC-RY503-A-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | POTASSIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 1030   | mg/kg |
| RY503-A      | 10FC-RY503-A-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | SILVER        | 1.0                 | N           | U             |              | U         | 1.0                 | mg/kg | 1.1    | mg/kg |
| RY503-A      | 10FC-RY503-A-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 63.6   | mg/kg |
| RY503-A      | 10FC-RY503-A-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.7    | mg/kg |
| RY503-A      | 10FC-RY503-A-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | ANTIMONY      | 6.0                 | N           | R             | R            | U         | 6.0                 | mg/kg | 6.4    | mg/kg |
| RY503-A      | 10FC-RY503-A-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | ARSENIC       | 1.0                 | Y           | J             |              | J         | 1.0                 | mg/kg | 0.88   | mg/kg |
| RY503-A      | 10FC-RY503-A-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | BARIUM        | 20.0                | Y           | J             | J            |           | 20.0                | mg/kg | 84.5   | mg/kg |
| RY503-A      | 10FC-RY503-A-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | BERYLLIUM     | 0.50                | Y           | J             |              | J         | 0.50                | mg/kg | 0.077  | mg/kg |
| RY503-A      | 10FC-RY503-A-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | CADMIUM       | 0.50                | Y           | J             |              | J         | 0.50                | mg/kg | 0.083  | mg/kg |
| RY503-A      | 10FC-RY503-A-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | CHROMIUM      | 1.0                 | Y           | J             | J            |           | 1.0                 | mg/kg | 3.9    | mg/kg |
| RY503-A      | 10FC-RY503-A-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | COBALT        | 5.0                 | Y           | J             | J            | J         | 5.0                 | mg/kg | 3.1    | mg/kg |
| RY503-A      | 10FC-RY503-A-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | COPPER        | 2.5                 | Y           | J+            | J+           |           | 2.5                 | mg/kg | 6.1    | mg/kg |
| RY503-A      | 10FC-RY503-A-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | VANADIUM      | 5.0                 | Y           | J             | J            |           | 5.0                 | mg/kg | 7.5    | mg/kg |
| RY503-A      | 10FC-RY503-A-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | ZINC          | 6.0                 | Y           | J             | J            |           | 6.0                 | mg/kg | 31     | mg/kg |
| RY503-A      | 10FC-RY503-A-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | CALCIUM       | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 1490   | mg/kg |
| RY503-A      | 10FC-RY503-A-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.38   | mg/kg |
| RY503-A      | 10FC-RY503-A-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | ALUMINUM      | 20.0                | Y           | J             | J            |           | 20.0                | mg/kg | 11200  | mg/kg |
| RY503-A      | 10FC-RY503-A-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | IRON          | 10.0                | Y           | J             | J            |           | 10.0                | mg/kg | 9220   | mg/kg |
| RY503-A      | 10FC-RY503-A-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | LEAD          | 1.0                 | Y           | J+            | J+           |           | 1.0                 | mg/kg | 9.6    | mg/kg |
| RY503-A      | 10FC-RY503-A-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 2760   | mg/kg |
| RY503-A      | 10FC-RY503-A-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | MANGANESE     | 1.5                 | Y           | J-            | J-           |           | 1.5                 | mg/kg | 392    | mg/kg |
| RY503-A      | 10FC-RY503-A-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | NICKEL        | 4.0                 | Y           | J             | J            |           | 4.0                 | mg/kg | 6.5    | mg/kg |
| RY503-A      | 10FC-RY503-A-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | POTASSIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 1340   | mg/kg |
| RY503-A      | 10FC-RY503-A-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | SILVER        | 1.0                 | N           | U             |              | U         | 1.0                 | mg/kg | 1.1    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | result | unit        |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|--------|-------------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |        |             |
| RY503-A      | 10FC-RY503-A-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | SODIUM        | 500           | Y           | J             |              | J         | 500           | mg/kg  | 101 mg/kg   |
| RY503-A      | 10FC-RY503-A-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5           | mg/kg  | 2.7 mg/kg   |
| RY503-A      | 10FC-RY503-A-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | ANTIMONY      | 6.0           | N           | R             | R            | U         | 6.0           | mg/kg  | 6.6 mg/kg   |
| RY503-A      | 10FC-RY503-A-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | ARSENIC       | 1.0           | Y           |               |              |           | 1.0           | mg/kg  | 1.5 mg/kg   |
| RY503-A      | 10FC-RY503-A-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | BARIUM        | 20.0          | Y           | J             | J            |           | 20.0          | mg/kg  | 124 mg/kg   |
| RY503-A      | 10FC-RY503-A-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | BERYLLIUM     | 0.50          | Y           | J             |              | J         | 0.50          | mg/kg  | 0.13 mg/kg  |
| RY503-A      | 10FC-RY503-A-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | CADMIUM       | 0.50          | Y           | J             |              | J         | 0.50          | mg/kg  | 0.081 mg/kg |
| RY503-A      | 10FC-RY503-A-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | CHROMIUM      | 1.0           | Y           | J             | J            |           | 1.0           | mg/kg  | 6.4 mg/kg   |
| RY503-A      | 10FC-RY503-A-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | COBALT        | 5.0           | Y           | J             | J            | J         | 5.0           | mg/kg  | 4.4 mg/kg   |
| RY503-A      | 10FC-RY503-A-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | COPPER        | 2.5           | Y           | J+            | J+           |           | 2.5           | mg/kg  | 9 mg/kg     |
| RY503-A      | 10FC-RY503-A-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | VANADIUM      | 5.0           | Y           | J             | J            |           | 5.0           | mg/kg  | 11.2 mg/kg  |
| RY503-A      | 10FC-RY503-A-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | ZINC          | 6.0           | Y           | J             | J            |           | 6.0           | mg/kg  | 29.3 mg/kg  |
| RY503-A      | 10FC-RY503-A-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | CALCIUM       | 500           | Y           | J             | J            |           | 500           | mg/kg  | 1880 mg/kg  |
| RY503-A      | 10FC-RY503-A-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | SELENIUM      | 3.5           | Y           | J             |              | J         | 3.5           | mg/kg  | 0.37 mg/kg  |
| RY503-B      | 10FC-RY503-B-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | ALUMINUM      | 20.0          | Y           | J             | J            |           | 20.0          | mg/kg  | 10500 mg/kg |
| RY503-B      | 10FC-RY503-B-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | IRON          | 10.0          | Y           | J             | J            |           | 10.0          | mg/kg  | 7710 mg/kg  |
| RY503-B      | 10FC-RY503-B-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | LEAD          | 1.0           | Y           | J+            | J+           |           | 1.0           | mg/kg  | 5.2 mg/kg   |
| RY503-B      | 10FC-RY503-B-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500           | mg/kg  | 1930 mg/kg  |
| RY503-B      | 10FC-RY503-B-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | MANGANESE     | 1.5           | Y           | J-            | J-           |           | 1.5           | mg/kg  | 381 mg/kg   |
| RY503-B      | 10FC-RY503-B-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | NICKEL        | 4.0           | Y           | J             | J            |           | 4.0           | mg/kg  | 5.3 mg/kg   |
| RY503-B      | 10FC-RY503-B-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | POTASSIUM     | 500           | Y           | J             | J            |           | 500           | mg/kg  | 1140 mg/kg  |
| RY503-B      | 10FC-RY503-B-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | SILVER        | 1.0           | N           | U             |              | U         | 1.0           | mg/kg  | 1.3 mg/kg   |
| RY503-B      | 10FC-RY503-B-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | SODIUM        | 500           | Y           | J             |              | J         | 500           | mg/kg  | 85.9 mg/kg  |
| RY503-B      | 10FC-RY503-B-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5           | mg/kg  | 3.1 mg/kg   |
| RY503-B      | 10FC-RY503-B-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | ANTIMONY      | 6.0           | N           | R             | R            | U         | 6.0           | mg/kg  | 7.5 mg/kg   |
| RY503-B      | 10FC-RY503-B-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | ARSENIC       | 1.0           | Y           |               |              |           | 1.0           | mg/kg  | 1.8 mg/kg   |
| RY503-B      | 10FC-RY503-B-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | BARIUM        | 20.0          | Y           | J             | J            |           | 20.0          | mg/kg  | 124 mg/kg   |
| RY503-B      | 10FC-RY503-B-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | BERYLLIUM     | 0.50          | Y           | J             |              | J         | 0.50          | mg/kg  | 0.08 mg/kg  |
| RY503-B      | 10FC-RY503-B-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | CADMIUM       | 0.50          | Y           | J             |              | J         | 0.50          | mg/kg  | 0.059 mg/kg |
| RY503-B      | 10FC-RY503-B-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | CHROMIUM      | 1.0           | Y           | J             | J            |           | 1.0           | mg/kg  | 4.1 mg/kg   |
| RY503-B      | 10FC-RY503-B-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | COBALT        | 5.0           | Y           | J             | J            | J         | 5.0           | mg/kg  | 3.6 mg/kg   |
| RY503-B      | 10FC-RY503-B-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | COPPER        | 2.5           | Y           | J+            | J+           |           | 2.5           | mg/kg  | 6.9 mg/kg   |
| RY503-B      | 10FC-RY503-B-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | VANADIUM      | 5.0           | Y           | J             | J            |           | 5.0           | mg/kg  | 9.4 mg/kg   |
| RY503-B      | 10FC-RY503-B-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | ZINC          | 6.0           | Y           | J             | J            |           | 6.0           | mg/kg  | 24.2 mg/kg  |
| RY503-B      | 10FC-RY503-B-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | CALCIUM       | 500           | Y           | J             | J            |           | 500           | mg/kg  | 1800 mg/kg  |
| RY503-B      | 10FC-RY503-B-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | SELENIUM      | 3.5           | Y           | J             |              | J         | 3.5           | mg/kg  | 0.6 mg/kg   |
| RY503-B      | 10FC-RY503-B-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | ALUMINUM      | 20.0          | Y           | J             | J            |           | 20.0          | mg/kg  | 10300 mg/kg |
| RY503-B      | 10FC-RY503-B-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | IRON          | 10.0          | Y           | J             | J            |           | 10.0          | mg/kg  | 7060 mg/kg  |
| RY503-B      | 10FC-RY503-B-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | LEAD          | 1.0           | Y           | J+            | J+           |           | 1.0           | mg/kg  | 3.6 mg/kg   |
| RY503-B      | 10FC-RY503-B-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500           | mg/kg  | 1810 mg/kg  |
| RY503-B      | 10FC-RY503-B-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | MANGANESE     | 1.5           | Y           | J-            | J-           |           | 1.5           | mg/kg  | 275 mg/kg   |
| RY503-B      | 10FC-RY503-B-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | NICKEL        | 4.0           | Y           | J             | J            |           | 4.0           | mg/kg  | 4.9 mg/kg   |
| RY503-B      | 10FC-RY503-B-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | POTASSIUM     | 500           | Y           | J             | J            |           | 500           | mg/kg  | 989 mg/kg   |
| RY503-B      | 10FC-RY503-B-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | SILVER        | 1.0           | N           | U             |              | U         | 1.0           | mg/kg  | 1.2 mg/kg   |
| RY503-B      | 10FC-RY503-B-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | SODIUM        | 500           | Y           | J             |              | J         | 500           | mg/kg  | 90.1 mg/kg  |
| RY503-B      | 10FC-RY503-B-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5           | mg/kg  | 3.1 mg/kg   |
| RY503-B      | 10FC-RY503-B-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | ANTIMONY      | 6.0           | N           | R             | R            | U         | 6.0           | mg/kg  | 7.4 mg/kg   |
| RY503-B      | 10FC-RY503-B-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | ARSENIC       | 1.0           | Y           | J             |              | J         | 1.0           | mg/kg  | 0.61 mg/kg  |

## Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY503-B      | 10FC-RY503-B-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | BARIUM        | 20.0          | Y           | J             | J            |           | 20.0                | mg/kg | 104    | mg/kg |
| RY503-B      | 10FC-RY503-B-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | BERYLLIUM     | 0.50          | Y           | J             |              | J         | 0.50                | mg/kg | 0.074  | mg/kg |
| RY503-B      | 10FC-RY503-B-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | CADMIUM       | 0.50          | Y           | J             |              | J         | 0.50                | mg/kg | 0.034  | mg/kg |
| RY503-B      | 10FC-RY503-B-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | CHROMIUM      | 1.0           | Y           | J             | J            |           | 1.0                 | mg/kg | 3.7    | mg/kg |
| RY503-B      | 10FC-RY503-B-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | COBALT        | 5.0           | Y           | J             | J            | J         | 5.0                 | mg/kg | 3.6    | mg/kg |
| RY503-B      | 10FC-RY503-B-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | COPPER        | 2.5           | Y           | J+            | J+           |           | 2.5                 | mg/kg | 5.8    | mg/kg |
| RY503-B      | 10FC-RY503-B-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | VANADIUM      | 5.0           | Y           | J             | J            |           | 5.0                 | mg/kg | 8.2    | mg/kg |
| RY503-B      | 10FC-RY503-B-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | ZINC          | 6.0           | Y           | J             | J            |           | 6.0                 | mg/kg | 18.9   | mg/kg |
| RY503-B      | 10FC-RY503-B-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | CALCIUM       | 500           | Y           | J             | J            |           | 500                 | mg/kg | 1140   | mg/kg |
| RY503-B      | 10FC-RY503-B-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | SELENIUM      | 3.5           | Y           | J             |              | J         | 3.5                 | mg/kg | 0.64   | mg/kg |
| RY503-B      | 10FC-RY503-B-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | ALUMINUM      | 20.0          | Y           | J             | J            |           | 20.0                | mg/kg | 12800  | mg/kg |
| RY503-B      | 10FC-RY503-B-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | IRON          | 10.0          | Y           | J             | J            |           | 10.0                | mg/kg | 8780   | mg/kg |
| RY503-B      | 10FC-RY503-B-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | LEAD          | 1.0           | Y           | J+            | J+           |           | 1.0                 | mg/kg | 4.9    | mg/kg |
| RY503-B      | 10FC-RY503-B-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 2130   | mg/kg |
| RY503-B      | 10FC-RY503-B-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | MANGANESE     | 1.5           | Y           | J-            | J-           |           | 1.5                 | mg/kg | 345    | mg/kg |
| RY503-B      | 10FC-RY503-B-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | NICKEL        | 4.0           | Y           | J             | J            |           | 4.0                 | mg/kg | 5.7    | mg/kg |
| RY503-B      | 10FC-RY503-B-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | POTASSIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 1230   | mg/kg |
| RY503-B      | 10FC-RY503-B-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | SILVER        | 1.0           | N           | U             |              | U         | 1.0                 | mg/kg | 1.2    | mg/kg |
| RY503-B      | 10FC-RY503-B-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | SODIUM        | 500           | Y           | J             |              | J         | 500                 | mg/kg | 114    | mg/kg |
| RY503-B      | 10FC-RY503-B-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 3      | mg/kg |
| RY503-B      | 10FC-RY503-B-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | ANTIMONY      | 6.0           | N           | R             | R            | U         | 6.0                 | mg/kg | 7.3    | mg/kg |
| RY503-B      | 10FC-RY503-B-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | ARSENIC       | 1.0           | Y           | J             |              | J         | 1.0                 | mg/kg | 0.93   | mg/kg |
| RY503-B      | 10FC-RY503-B-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | BARIUM        | 20.0          | Y           | J             | J            |           | 20.0                | mg/kg | 130    | mg/kg |
| RY503-B      | 10FC-RY503-B-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | BERYLLIUM     | 0.50          | Y           | J             |              | J         | 0.50                | mg/kg | 0.082  | mg/kg |
| RY503-B      | 10FC-RY503-B-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | CADMIUM       | 0.50          | Y           | J             |              | J         | 0.50                | mg/kg | 0.044  | mg/kg |
| RY503-B      | 10FC-RY503-B-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | CHROMIUM      | 1.0           | Y           | J             | J            |           | 1.0                 | mg/kg | 4.6    | mg/kg |
| RY503-B      | 10FC-RY503-B-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | COBALT        | 5.0           | Y           | J             | J            | J         | 5.0                 | mg/kg | 4      | mg/kg |
| RY503-B      | 10FC-RY503-B-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | COPPER        | 2.5           | Y           | J+            | J+           |           | 2.5                 | mg/kg | 7.7    | mg/kg |
| RY503-B      | 10FC-RY503-B-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | VANADIUM      | 5.0           | Y           | J             | J            |           | 5.0                 | mg/kg | 10.8   | mg/kg |
| RY503-B      | 10FC-RY503-B-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | ZINC          | 6.0           | Y           | J             | J            |           | 6.0                 | mg/kg | 23.7   | mg/kg |
| RY503-B      | 10FC-RY503-B-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | CALCIUM       | 500           | Y           | J             | J            |           | 500                 | mg/kg | 1910   | mg/kg |
| RY503-B      | 10FC-RY503-B-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | SELENIUM      | 3.5           | Y           | J             |              | J         | 3.5                 | mg/kg | 0.4    | mg/kg |
| RY503-C      | 10FC-RY503-C-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | ALUMINUM      | 20.0          | Y           | J             | J            |           | 20.0                | mg/kg | 8700   | mg/kg |
| RY503-C      | 10FC-RY503-C-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | IRON          | 10.0          | Y           | J             | J            |           | 10.0                | mg/kg | 6680   | mg/kg |
| RY503-C      | 10FC-RY503-C-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | LEAD          | 1.0           | Y           | J+            | J+           |           | 1.0                 | mg/kg | 5.5    | mg/kg |
| RY503-C      | 10FC-RY503-C-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 2300   | mg/kg |
| RY503-C      | 10FC-RY503-C-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | MANGANESE     | 1.5           | Y           | J-            | J-           |           | 1.5                 | mg/kg | 271    | mg/kg |
| RY503-C      | 10FC-RY503-C-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | NICKEL        | 4.0           | Y           | J             | J            |           | 4.0                 | mg/kg | 4.8    | mg/kg |
| RY503-C      | 10FC-RY503-C-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | POTASSIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 985    | mg/kg |
| RY503-C      | 10FC-RY503-C-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | SILVER        | 1.0           | N           | U             |              | U         | 1.0                 | mg/kg | 1.2    | mg/kg |
| RY503-C      | 10FC-RY503-C-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | SODIUM        | 500           | Y           | J             |              | J         | 500                 | mg/kg | 78.1   | mg/kg |
| RY503-C      | 10FC-RY503-C-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 3      | mg/kg |
| RY503-C      | 10FC-RY503-C-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | ANTIMONY      | 6.0           | N           | R             | R            | U         | 6.0                 | mg/kg | 7.1    | mg/kg |
| RY503-C      | 10FC-RY503-C-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | ARSENIC       | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 1.3    | mg/kg |
| RY503-C      | 10FC-RY503-C-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | BARIUM        | 20.0          | Y           | J             | J            |           | 20.0                | mg/kg | 95.5   | mg/kg |
| RY503-C      | 10FC-RY503-C-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | BERYLLIUM     | 0.50          | Y           | J             |              | J         | 0.50                | mg/kg | 0.053  | mg/kg |
| RY503-C      | 10FC-RY503-C-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | CADMIUM       | 0.50          | Y           | J             |              | J         | 0.50                | mg/kg | 0.037  | mg/kg |
| RY503-C      | 10FC-RY503-C-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | CHROMIUM      | 1.0           | Y           | J             | J            |           | 1.0                 | mg/kg | 3.8    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY503-C      | 10FC-RY503-C-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | COBALT        | 5.0           | Y           | J             | J            | J         | 5.0                 | mg/kg | 3.1    | mg/kg |
| RY503-C      | 10FC-RY503-C-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | COPPER        | 2.5           | Y           | J+            | J+           |           | 2.5                 | mg/kg | 5.9    | mg/kg |
| RY503-C      | 10FC-RY503-C-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | VANADIUM      | 5.0           | Y           | J             | J            |           | 5.0                 | mg/kg | 7.6    | mg/kg |
| RY503-C      | 10FC-RY503-C-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | ZINC          | 6.0           | Y           | J             | J            |           | 6.0                 | mg/kg | 17.9   | mg/kg |
| RY503-C      | 10FC-RY503-C-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | CALCIUM       | 500           | Y           | J             | J            |           | 500                 | mg/kg | 3070   | mg/kg |
| RY503-C      | 10FC-RY503-C-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | SELENIUM      | 3.5           | N           | U             |              | U         | 3.5                 | mg/kg | 4.2    | mg/kg |
| RY503-C      | 10FC-RY503-C-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | ALUMINUM      | 20.0          | Y           | J             | J            |           | 20.0                | mg/kg | 13000  | mg/kg |
| RY503-C      | 10FC-RY503-C-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | IRON          | 10.0          | Y           | J             | J            |           | 10.0                | mg/kg | 9460   | mg/kg |
| RY503-C      | 10FC-RY503-C-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | LEAD          | 1.0           | Y           | J+            | J+           |           | 1.0                 | mg/kg | 4.6    | mg/kg |
| RY503-C      | 10FC-RY503-C-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 2390   | mg/kg |
| RY503-C      | 10FC-RY503-C-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | MANGANESE     | 1.5           | Y           | J-            | J-           |           | 1.5                 | mg/kg | 307    | mg/kg |
| RY503-C      | 10FC-RY503-C-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | NICKEL        | 4.0           | Y           | J             | J            |           | 4.0                 | mg/kg | 6.4    | mg/kg |
| RY503-C      | 10FC-RY503-C-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | POTASSIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 1260   | mg/kg |
| RY503-C      | 10FC-RY503-C-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | SILVER        | 1.0           | N           | U             |              | U         | 1.0                 | mg/kg | 1.2    | mg/kg |
| RY503-C      | 10FC-RY503-C-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | SODIUM        | 500           | Y           | J             |              | J         | 500                 | mg/kg | 95.4   | mg/kg |
| RY503-C      | 10FC-RY503-C-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 3      | mg/kg |
| RY503-C      | 10FC-RY503-C-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | ANTIMONY      | 6.0           | N           | R             | R            | U         | 6.0                 | mg/kg | 7.1    | mg/kg |
| RY503-C      | 10FC-RY503-C-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | ARSENIC       | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 2      | mg/kg |
| RY503-C      | 10FC-RY503-C-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | BARIUM        | 20.0          | Y           | J             | J            |           | 20.0                | mg/kg | 127    | mg/kg |
| RY503-C      | 10FC-RY503-C-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | BERYLLIUM     | 0.50          | Y           | J             |              | J         | 0.50                | mg/kg | 0.1    | mg/kg |
| RY503-C      | 10FC-RY503-C-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | CADMIUM       | 0.50          | Y           | J             |              | J         | 0.50                | mg/kg | 0.041  | mg/kg |
| RY503-C      | 10FC-RY503-C-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | CHROMIUM      | 1.0           | Y           | J             | J            |           | 1.0                 | mg/kg | 4.9    | mg/kg |
| RY503-C      | 10FC-RY503-C-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | COBALT        | 5.0           | Y           | J             | J            | J         | 5.0                 | mg/kg | 4.9    | mg/kg |
| RY503-C      | 10FC-RY503-C-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | COPPER        | 2.5           | Y           | J+            | J+           |           | 2.5                 | mg/kg | 8.2    | mg/kg |
| RY503-C      | 10FC-RY503-C-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | VANADIUM      | 5.0           | Y           | J             | J            |           | 5.0                 | mg/kg | 12     | mg/kg |
| RY503-C      | 10FC-RY503-C-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | ZINC          | 6.0           | Y           | J             | J            |           | 6.0                 | mg/kg | 22.3   | mg/kg |
| RY503-C      | 10FC-RY503-C-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | CALCIUM       | 500           | Y           | J             | J            |           | 500                 | mg/kg | 1460   | mg/kg |
| RY503-C      | 10FC-RY503-C-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | SELENIUM      | 3.5           | Y           | J             |              | J         | 3.5                 | mg/kg | 0.53   | mg/kg |
| RY503-C      | 10FC-RY503-C-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | ALUMINUM      | 20.0          | Y           | J             | J            |           | 20.0                | mg/kg | 4730   | mg/kg |
| RY503-C      | 10FC-RY503-C-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | IRON          | 10.0          | Y           | J             | J            |           | 10.0                | mg/kg | 3400   | mg/kg |
| RY503-C      | 10FC-RY503-C-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | LEAD          | 1.0           | Y           | J+            | J+           |           | 1.0                 | mg/kg | 1.7    | mg/kg |
| RY503-C      | 10FC-RY503-C-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 924    | mg/kg |
| RY503-C      | 10FC-RY503-C-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | MANGANESE     | 1.5           | Y           | J-            | J-           |           | 1.5                 | mg/kg | 109    | mg/kg |
| RY503-C      | 10FC-RY503-C-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | NICKEL        | 4.0           | Y           | J             | J            | J         | 4.0                 | mg/kg | 2.4    | mg/kg |
| RY503-C      | 10FC-RY503-C-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | POTASSIUM     | 500           | Y           | J             | J            | J         | 500                 | mg/kg | 463    | mg/kg |
| RY503-C      | 10FC-RY503-C-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | SILVER        | 1.0           | N           | U             |              | U         | 1.0                 | mg/kg | 1.1    | mg/kg |
| RY503-C      | 10FC-RY503-C-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | SODIUM        | 500           | Y           | J             |              | J         | 500                 | mg/kg | 56     | mg/kg |
| RY503-C      | 10FC-RY503-C-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.8    | mg/kg |
| RY503-C      | 10FC-RY503-C-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | ANTIMONY      | 6.0           | N           | R             | R            | U         | 6.0                 | mg/kg | 6.8    | mg/kg |
| RY503-C      | 10FC-RY503-C-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | ARSENIC       | 1.0           | Y           | J             |              | J         | 1.0                 | mg/kg | 0.49   | mg/kg |
| RY503-C      | 10FC-RY503-C-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | BARIUM        | 20.0          | Y           | J             | J            |           | 20.0                | mg/kg | 43.3   | mg/kg |
| RY503-C      | 10FC-RY503-C-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | BERYLLIUM     | 0.50          | Y           | J             |              | J         | 0.50                | mg/kg | 0.031  | mg/kg |
| RY503-C      | 10FC-RY503-C-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | CADMIUM       | 0.50          | Y           | J             |              | J         | 0.50                | mg/kg | 0.033  | mg/kg |
| RY503-C      | 10FC-RY503-C-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | CHROMIUM      | 1.0           | Y           | J             | J            |           | 1.0                 | mg/kg | 1.8    | mg/kg |
| RY503-C      | 10FC-RY503-C-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | COBALT        | 5.0           | Y           | J             | J            | J         | 5.0                 | mg/kg | 1.8    | mg/kg |
| RY503-C      | 10FC-RY503-C-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | COPPER        | 2.5           | Y           | J+            | J+           |           | 2.5                 | mg/kg | 3.5    | mg/kg |
| RY503-C      | 10FC-RY503-C-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | VANADIUM      | 5.0           | Y           | J             | J            | J         | 5.0                 | mg/kg | 4.4    | mg/kg |
| RY503-C      | 10FC-RY503-C-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | ZINC          | 6.0           | Y           | J             | J            |           | 6.0                 | mg/kg | 8.1    | mg/kg |

## Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY503-C      | 10FC-RY503-C-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | CALCIUM       | 500           | Y           | J             | J            |           | 500                 | mg/kg | 676    | mg/kg |
| RY503-C      | 10FC-RY503-C-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | SELENIUM      | 3.5           | N           | U             |              | U         | 3.5                 | mg/kg | 3.9    | mg/kg |
| RY503-D      | 10FC-RY503-D-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | ALUMINUM      | 20.0          | Y           | J             | J            |           | 20.0                | mg/kg | 3090   | mg/kg |
| RY503-D      | 10FC-RY503-D-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | IRON          | 10.0          | Y           | J             | J            |           | 10.0                | mg/kg | 5850   | mg/kg |
| RY503-D      | 10FC-RY503-D-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | LEAD          | 1.0           | Y           | J+            | J+           |           | 1.0                 | mg/kg | 1.7    | mg/kg |
| RY503-D      | 10FC-RY503-D-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 1280   | mg/kg |
| RY503-D      | 10FC-RY503-D-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | MANGANESE     | 1.5           | Y           | J-            | J-           |           | 1.5                 | mg/kg | 99.1   | mg/kg |
| RY503-D      | 10FC-RY503-D-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | NICKEL        | 4.0           | Y           | J             | J            | J         | 4.0                 | mg/kg | 3      | mg/kg |
| RY503-D      | 10FC-RY503-D-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | POTASSIUM     | 500           | Y           | J             | J            | J         | 500                 | mg/kg | 414    | mg/kg |
| RY503-D      | 10FC-RY503-D-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | SILVER        | 1.0           | N           | U             |              | U         | 1.0                 | mg/kg | 1      | mg/kg |
| RY503-D      | 10FC-RY503-D-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | SODIUM        | 500           | Y           | J             |              | J         | 500                 | mg/kg | 60.7   | mg/kg |
| RY503-D      | 10FC-RY503-D-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY503-D      | 10FC-RY503-D-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | ANTIMONY      | 6.0           | N           | R             | R            | U         | 6.0                 | mg/kg | 6.3    | mg/kg |
| RY503-D      | 10FC-RY503-D-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | ARSENIC       | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 6.1    | mg/kg |
| RY503-D      | 10FC-RY503-D-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | BARIUM        | 20.0          | Y           | J             | J            |           | 20.0                | mg/kg | 26.5   | mg/kg |
| RY503-D      | 10FC-RY503-D-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | BERYLLIUM     | 0.50          | Y           | J             |              | J         | 0.50                | mg/kg | 0.11   | mg/kg |
| RY503-D      | 10FC-RY503-D-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | CADMIUM       | 0.50          | Y           | J             |              | J         | 0.50                | mg/kg | 0.11   | mg/kg |
| RY503-D      | 10FC-RY503-D-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | CHROMIUM      | 1.0           | Y           | J             | J            |           | 1.0                 | mg/kg | 3.6    | mg/kg |
| RY503-D      | 10FC-RY503-D-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | COBALT        | 5.0           | Y           | J             | J            | J         | 5.0                 | mg/kg | 1.9    | mg/kg |
| RY503-D      | 10FC-RY503-D-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | COPPER        | 2.5           | Y           | J+            | J+           |           | 2.5                 | mg/kg | 5.5    | mg/kg |
| RY503-D      | 10FC-RY503-D-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | VANADIUM      | 5.0           | Y           | J             | J            | J         | 5.0                 | mg/kg | 3.5    | mg/kg |
| RY503-D      | 10FC-RY503-D-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | ZINC          | 6.0           | Y           | J             | J            |           | 6.0                 | mg/kg | 11.1   | mg/kg |
| RY503-D      | 10FC-RY503-D-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | CALCIUM       | 500           | Y           | J             | J            |           | 500                 | mg/kg | 605    | mg/kg |
| RY503-D      | 10FC-RY503-D-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | SELENIUM      | 3.5           | Y           | J             |              | J         | 3.5                 | mg/kg | 0.52   | mg/kg |
| RY503-D      | 10FC-RY503-D-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | ALUMINUM      | 20.0          | Y           | J             | J            |           | 20.0                | mg/kg | 2100   | mg/kg |
| RY503-D      | 10FC-RY503-D-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | IRON          | 10.0          | Y           | J             | J            |           | 10.0                | mg/kg | 3170   | mg/kg |
| RY503-D      | 10FC-RY503-D-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | LEAD          | 1.0           | Y           | J+            | J+           |           | 1.0                 | mg/kg | 1.1    | mg/kg |
| RY503-D      | 10FC-RY503-D-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 784    | mg/kg |
| RY503-D      | 10FC-RY503-D-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | MANGANESE     | 1.5           | Y           | J-            | J-           |           | 1.5                 | mg/kg | 71     | mg/kg |
| RY503-D      | 10FC-RY503-D-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | NICKEL        | 4.0           | Y           | J             | J            | J         | 4.0                 | mg/kg | 2.1    | mg/kg |
| RY503-D      | 10FC-RY503-D-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | POTASSIUM     | 500           | Y           | J             | J            | J         | 500                 | mg/kg | 255    | mg/kg |
| RY503-D      | 10FC-RY503-D-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | SILVER        | 1.0           | N           | U             |              | U         | 1.0                 | mg/kg | 1.1    | mg/kg |
| RY503-D      | 10FC-RY503-D-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | SODIUM        | 500           | Y           | J             |              | J         | 500                 | mg/kg | 40.9   | mg/kg |
| RY503-D      | 10FC-RY503-D-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.7    | mg/kg |
| RY503-D      | 10FC-RY503-D-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | ANTIMONY      | 6.0           | N           | R             | R            | U         | 6.0                 | mg/kg | 6.5    | mg/kg |
| RY503-D      | 10FC-RY503-D-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | ARSENIC       | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 2.4    | mg/kg |
| RY503-D      | 10FC-RY503-D-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | BARIUM        | 20.0          | Y           | J             | J            | J         | 20.0                | mg/kg | 19.2   | mg/kg |
| RY503-D      | 10FC-RY503-D-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | BERYLLIUM     | 0.50          | Y           | J             |              | J         | 0.50                | mg/kg | 0.031  | mg/kg |
| RY503-D      | 10FC-RY503-D-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | CADMIUM       | 0.50          | Y           | J             |              | J         | 0.50                | mg/kg | 0.029  | mg/kg |
| RY503-D      | 10FC-RY503-D-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | CHROMIUM      | 1.0           | Y           | J             | J            |           | 1.0                 | mg/kg | 2      | mg/kg |
| RY503-D      | 10FC-RY503-D-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | COBALT        | 5.0           | Y           | J             | J            | J         | 5.0                 | mg/kg | 1.4    | mg/kg |
| RY503-D      | 10FC-RY503-D-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | COPPER        | 2.5           | Y           | J+            | J+           |           | 2.5                 | mg/kg | 3.5    | mg/kg |
| RY503-D      | 10FC-RY503-D-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | VANADIUM      | 5.0           | Y           | J             | J            | J         | 5.0                 | mg/kg | 2.2    | mg/kg |
| RY503-D      | 10FC-RY503-D-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | ZINC          | 6.0           | Y           | J             | J            |           | 6.0                 | mg/kg | 7.3    | mg/kg |
| RY503-D      | 10FC-RY503-D-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | CALCIUM       | 500           | Y           | J             | J            |           | 500                 | mg/kg | 588    | mg/kg |
| RY503-D      | 10FC-RY503-D-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | SELENIUM      | 3.5           | N           | U             |              | U         | 3.5                 | mg/kg | 3.8    | mg/kg |
| RY503-D      | 10FC-RY503-D-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | ALUMINUM      | 20.0          | Y           | J             | J            |           | 20.0                | mg/kg | 4980   | mg/kg |
| RY503-D      | 10FC-RY503-D-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | IRON          | 10.0          | Y           | J             | J            |           | 10.0                | mg/kg | 7560   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY503-D      | 10FC-RY503-D-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | LEAD          | 1.0           | Y           | J+            | J+           |           | 1.0                 | mg/kg | 2.6    | mg/kg |
| RY503-D      | 10FC-RY503-D-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 1930   | mg/kg |
| RY503-D      | 10FC-RY503-D-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | MANGANESE     | 1.5           | Y           | J-            | J-           |           | 1.5                 | mg/kg | 158    | mg/kg |
| RY503-D      | 10FC-RY503-D-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | NICKEL        | 4.0           | Y           | J             | J            | J         | 4.0                 | mg/kg | 4.3    | mg/kg |
| RY503-D      | 10FC-RY503-D-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | POTASSIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 630    | mg/kg |
| RY503-D      | 10FC-RY503-D-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | SILVER        | 1.0           | N           | U             |              | U         | 1.0                 | mg/kg | 1.2    | mg/kg |
| RY503-D      | 10FC-RY503-D-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | SODIUM        | 500           | Y           | J             |              | J         | 500                 | mg/kg | 92.7   | mg/kg |
| RY503-D      | 10FC-RY503-D-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 3      | mg/kg |
| RY503-D      | 10FC-RY503-D-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | ANTIMONY      | 6.0           | N           | R             | R            | U         | 6.0                 | mg/kg | 7.3    | mg/kg |
| RY503-D      | 10FC-RY503-D-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | ARSENIC       | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 5.7    | mg/kg |
| RY503-D      | 10FC-RY503-D-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | BARIUM        | 20.0          | Y           | J             | J            |           | 20.0                | mg/kg | 46.6   | mg/kg |
| RY503-D      | 10FC-RY503-D-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | BERYLLIUM     | 0.50          | Y           | J             |              | J         | 0.50                | mg/kg | 0.1    | mg/kg |
| RY503-D      | 10FC-RY503-D-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | CADMIUM       | 0.50          | Y           | J             |              | J         | 0.50                | mg/kg | 0.1    | mg/kg |
| RY503-D      | 10FC-RY503-D-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | CHROMIUM      | 1.0           | Y           | J             | J            |           | 1.0                 | mg/kg | 4.5    | mg/kg |
| RY503-D      | 10FC-RY503-D-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | COBALT        | 5.0           | Y           | J             | J            | J         | 5.0                 | mg/kg | 2.6    | mg/kg |
| RY503-D      | 10FC-RY503-D-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | COPPER        | 2.5           | Y           | J+            | J+           |           | 2.5                 | mg/kg | 7.1    | mg/kg |
| RY503-D      | 10FC-RY503-D-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | VANADIUM      | 5.0           | Y           | J             | J            | J         | 5.0                 | mg/kg | 5.5    | mg/kg |
| RY503-D      | 10FC-RY503-D-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | ZINC          | 6.0           | Y           | J             | J            |           | 6.0                 | mg/kg | 16.2   | mg/kg |
| RY503-D      | 10FC-RY503-D-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | CALCIUM       | 500           | Y           | J             | J            |           | 500                 | mg/kg | 1520   | mg/kg |
| RY503-D      | 10FC-RY503-D-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | SELENIUM      | 3.5           | Y           | J             |              | J         | 3.5                 | mg/kg | 0.63   | mg/kg |
| RY503-E      | 10FC-RY503-E-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | ALUMINUM      | 20.0          | Y           | J             | J            |           | 20.0                | mg/kg | 7680   | mg/kg |
| RY503-E      | 10FC-RY503-E-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | IRON          | 10.0          | Y           | J             | J            |           | 10.0                | mg/kg | 5290   | mg/kg |
| RY503-E      | 10FC-RY503-E-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | LEAD          | 1.0           | Y           | J+            | J+           |           | 1.0                 | mg/kg | 3.2    | mg/kg |
| RY503-E      | 10FC-RY503-E-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 1440   | mg/kg |
| RY503-E      | 10FC-RY503-E-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | MANGANESE     | 1.5           | Y           | J-            | J-           |           | 1.5                 | mg/kg | 219    | mg/kg |
| RY503-E      | 10FC-RY503-E-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | NICKEL        | 4.0           | Y           | J             | J            | J         | 4.0                 | mg/kg | 3.7    | mg/kg |
| RY503-E      | 10FC-RY503-E-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | POTASSIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 927    | mg/kg |
| RY503-E      | 10FC-RY503-E-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | SILVER        | 1.0           | N           | U             |              | U         | 1.0                 | mg/kg | 1.1    | mg/kg |
| RY503-E      | 10FC-RY503-E-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | SODIUM        | 500           | Y           | J             |              | J         | 500                 | mg/kg | 105    | mg/kg |
| RY503-E      | 10FC-RY503-E-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.7    | mg/kg |
| RY503-E      | 10FC-RY503-E-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | ANTIMONY      | 6.0           | N           | R             | R            | U         | 6.0                 | mg/kg | 6.5    | mg/kg |
| RY503-E      | 10FC-RY503-E-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | ARSENIC       | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 1.1    | mg/kg |
| RY503-E      | 10FC-RY503-E-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | BARIUM        | 20.0          | Y           | J             | J            |           | 20.0                | mg/kg | 78.7   | mg/kg |
| RY503-E      | 10FC-RY503-E-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | BERYLLIUM     | 0.50          | Y           | J             |              | J         | 0.50                | mg/kg | 0.04   | mg/kg |
| RY503-E      | 10FC-RY503-E-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | CADMIUM       | 0.50          | Y           | J             |              | J         | 0.50                | mg/kg | 0.034  | mg/kg |
| RY503-E      | 10FC-RY503-E-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | CHROMIUM      | 1.0           | Y           | J             | J            |           | 1.0                 | mg/kg | 3.1    | mg/kg |
| RY503-E      | 10FC-RY503-E-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | COBALT        | 5.0           | Y           | J             | J            | J         | 5.0                 | mg/kg | 2.6    | mg/kg |
| RY503-E      | 10FC-RY503-E-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | COPPER        | 2.5           | Y           | J+            | J+           |           | 2.5                 | mg/kg | 4.9    | mg/kg |
| RY503-E      | 10FC-RY503-E-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | VANADIUM      | 5.0           | Y           | J             | J            |           | 5.0                 | mg/kg | 7.1    | mg/kg |
| RY503-E      | 10FC-RY503-E-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | ZINC          | 6.0           | Y           | J             | J            |           | 6.0                 | mg/kg | 16     | mg/kg |
| RY503-E      | 10FC-RY503-E-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | CALCIUM       | 500           | Y           | J             | J            |           | 500                 | mg/kg | 882    | mg/kg |
| RY503-E      | 10FC-RY503-E-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | SELENIUM      | 3.5           | N           | U             |              | U         | 3.5                 | mg/kg | 3.8    | mg/kg |
| RY503-E      | 10FC-RY503-E-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | ALUMINUM      | 20.0          | Y           | J             | J            |           | 20.0                | mg/kg | 13200  | mg/kg |
| RY503-E      | 10FC-RY503-E-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | IRON          | 10.0          | Y           | J             | J            |           | 10.0                | mg/kg | 8930   | mg/kg |
| RY503-E      | 10FC-RY503-E-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | LEAD          | 1.0           | Y           | J+            | J+           |           | 1.0                 | mg/kg | 3.4    | mg/kg |
| RY503-E      | 10FC-RY503-E-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 2270   | mg/kg |
| RY503-E      | 10FC-RY503-E-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | MANGANESE     | 1.5           | Y           | J-            | J-           |           | 1.5                 | mg/kg | 275    | mg/kg |
| RY503-E      | 10FC-RY503-E-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | NICKEL        | 4.0           | Y           | J             | J            | J         | 4.0                 | mg/kg | 4.5    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY503-E      | 10FC-RY503-E-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | POTASSIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 1390   | mg/kg |
| RY503-E      | 10FC-RY503-E-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | SILVER        | 1.0           | N           | U             |              | U         | 1.0                 | mg/kg | 1.2    | mg/kg |
| RY503-E      | 10FC-RY503-E-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | SODIUM        | 500           | Y           | J             |              | J         | 500                 | mg/kg | 161    | mg/kg |
| RY503-E      | 10FC-RY503-E-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 3      | mg/kg |
| RY503-E      | 10FC-RY503-E-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | ANTIMONY      | 6.0           | N           | R             | R            | U         | 6.0                 | mg/kg | 7.2    | mg/kg |
| RY503-E      | 10FC-RY503-E-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | ARSENIC       | 1.0           | Y           | J             |              | J         | 1.0                 | mg/kg | 0.94   | mg/kg |
| RY503-E      | 10FC-RY503-E-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | BARIUM        | 20.0          | Y           | J             | J            |           | 20.0                | mg/kg | 125    | mg/kg |
| RY503-E      | 10FC-RY503-E-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | BERYLLIUM     | 0.50          | Y           | J             |              | J         | 0.50                | mg/kg | 0.096  | mg/kg |
| RY503-E      | 10FC-RY503-E-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | CADMIUM       | 0.50          | Y           | J             |              | J         | 0.50                | mg/kg | 0.042  | mg/kg |
| RY503-E      | 10FC-RY503-E-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | CHROMIUM      | 1.0           | Y           | J             | J            |           | 1.0                 | mg/kg | 4.4    | mg/kg |
| RY503-E      | 10FC-RY503-E-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | COBALT        | 5.0           | Y           | J             | J            | J         | 5.0                 | mg/kg | 3.4    | mg/kg |
| RY503-E      | 10FC-RY503-E-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | COPPER        | 2.5           | Y           | J+            | J+           |           | 2.5                 | mg/kg | 6.2    | mg/kg |
| RY503-E      | 10FC-RY503-E-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | VANADIUM      | 5.0           | Y           | J             | J            |           | 5.0                 | mg/kg | 10.4   | mg/kg |
| RY503-E      | 10FC-RY503-E-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | ZINC          | 6.0           | Y           | J             | J            |           | 6.0                 | mg/kg | 16     | mg/kg |
| RY503-E      | 10FC-RY503-E-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | CALCIUM       | 500           | Y           | J             | J            |           | 500                 | mg/kg | 1270   | mg/kg |
| RY503-E      | 10FC-RY503-E-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | SELENIUM      | 3.5           | Y           | J             |              | J         | 3.5                 | mg/kg | 0.67   | mg/kg |
| RY503-E      | 10FC-RY503-E-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | ALUMINUM      | 20.0          | Y           | J             | J            |           | 20.0                | mg/kg | 12900  | mg/kg |
| RY503-E      | 10FC-RY503-E-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | IRON          | 10.0          | Y           | J             | J            |           | 10.0                | mg/kg | 9090   | mg/kg |
| RY503-E      | 10FC-RY503-E-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | LEAD          | 1.0           | Y           | J+            | J+           |           | 1.0                 | mg/kg | 3.1    | mg/kg |
| RY503-E      | 10FC-RY503-E-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 2350   | mg/kg |
| RY503-E      | 10FC-RY503-E-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | MANGANESE     | 1.5           | Y           | J-            | J-           |           | 1.5                 | mg/kg | 269    | mg/kg |
| RY503-E      | 10FC-RY503-E-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | NICKEL        | 4.0           | Y           | J             | J            | J         | 4.0                 | mg/kg | 3.8    | mg/kg |
| RY503-E      | 10FC-RY503-E-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | POTASSIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 1390   | mg/kg |
| RY503-E      | 10FC-RY503-E-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | SILVER        | 1.0           | N           | U             |              | U         | 1.0                 | mg/kg | 1.2    | mg/kg |
| RY503-E      | 10FC-RY503-E-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | SODIUM        | 500           | Y           | J             |              | J         | 500                 | mg/kg | 174    | mg/kg |
| RY503-E      | 10FC-RY503-E-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 3      | mg/kg |
| RY503-E      | 10FC-RY503-E-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | ANTIMONY      | 6.0           | N           | R             | R            | U         | 6.0                 | mg/kg | 7.1    | mg/kg |
| RY503-E      | 10FC-RY503-E-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | ARSENIC       | 1.0           | Y           | J             |              | J         | 1.0                 | mg/kg | 1.1    | mg/kg |
| RY503-E      | 10FC-RY503-E-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | BARIUM        | 20.0          | Y           | J             | J            |           | 20.0                | mg/kg | 128    | mg/kg |
| RY503-E      | 10FC-RY503-E-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | BERYLLIUM     | 0.50          | Y           | J             |              | J         | 0.50                | mg/kg | 0.098  | mg/kg |
| RY503-E      | 10FC-RY503-E-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | CADMIUM       | 0.50          | Y           | J             |              | J         | 0.50                | mg/kg | 0.038  | mg/kg |
| RY503-E      | 10FC-RY503-E-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | CHROMIUM      | 1.0           | Y           | J             | J            |           | 1.0                 | mg/kg | 4.3    | mg/kg |
| RY503-E      | 10FC-RY503-E-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | COBALT        | 5.0           | Y           | J             | J            | J         | 5.0                 | mg/kg | 2.8    | mg/kg |
| RY503-E      | 10FC-RY503-E-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | COPPER        | 2.5           | Y           | J+            | J+           |           | 2.5                 | mg/kg | 5.9    | mg/kg |
| RY503-E      | 10FC-RY503-E-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | VANADIUM      | 5.0           | Y           | J             | J            |           | 5.0                 | mg/kg | 10     | mg/kg |
| RY503-E      | 10FC-RY503-E-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | ZINC          | 6.0           | Y           | J             | J            |           | 6.0                 | mg/kg | 13.4   | mg/kg |
| RY503-E      | 10FC-RY503-E-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | CALCIUM       | 500           | Y           | J             | J            |           | 500                 | mg/kg | 1340   | mg/kg |
| RY503-E      | 10FC-RY503-E-006012 | 6/23/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | SELENIUM      | 3.5           | Y           | J             |              | J         | 3.5                 | mg/kg | 1      | mg/kg |
| RY503-F      | 10FC-RY503-F-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | ALUMINUM      | 20.0          | Y           | J             | J            |           | 20.0                | mg/kg | 9350   | mg/kg |
| RY503-F      | 10FC-RY503-F-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | IRON          | 10.0          | Y           | J             | J            |           | 10.0                | mg/kg | 6270   | mg/kg |
| RY503-F      | 10FC-RY503-F-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | LEAD          | 1.0           | Y           | J+            | J+           |           | 1.0                 | mg/kg | 3.6    | mg/kg |
| RY503-F      | 10FC-RY503-F-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 1730   | mg/kg |
| RY503-F      | 10FC-RY503-F-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | MANGANESE     | 1.5           | Y           | J-            | J-           |           | 1.5                 | mg/kg | 257    | mg/kg |
| RY503-F      | 10FC-RY503-F-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | NICKEL        | 4.0           | Y           | J             | J            | J         | 4.0                 | mg/kg | 4.6    | mg/kg |
| RY503-F      | 10FC-RY503-F-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | POTASSIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 1320   | mg/kg |
| RY503-F      | 10FC-RY503-F-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | SILVER        | 1.0           | N           | U             |              | U         | 1.0                 | mg/kg | 1.2    | mg/kg |
| RY503-F      | 10FC-RY503-F-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | SODIUM        | 500           | Y           | J             |              | J         | 500                 | mg/kg | 208    | mg/kg |
| RY503-F      | 10FC-RY503-F-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 3.1    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report       | detect flag | interp. quals | valid. quals | lab quals | report       | result | unit  | result | unit |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|--------------|-------------|---------------|--------------|-----------|--------------|--------|-------|--------|------|
|              |                     |             |             |             |           |            |                 |               |               | result limit |             |               |              |           | detect limit |        |       |        |      |
| RY503-F      | 10FC-RY503-F-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | ANTIMONY      | 6.0          | N           | R             | R            | U         | 6.0          | mg/kg  | 7.4   | mg/kg  |      |
| RY503-F      | 10FC-RY503-F-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | ARSENIC       | 1.0          | Y           | J             |              | J         | 1.0          | mg/kg  | 1     | mg/kg  |      |
| RY503-F      | 10FC-RY503-F-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | BARIUM        | 20.0         | Y           | J             | J            |           | 20.0         | mg/kg  | 96.2  | mg/kg  |      |
| RY503-F      | 10FC-RY503-F-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | BERYLLIUM     | 0.50         | Y           | J             |              | J         | 0.50         | mg/kg  | 0.087 | mg/kg  |      |
| RY503-F      | 10FC-RY503-F-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | CADMIUM       | 0.50         | Y           | J             |              | J         | 0.50         | mg/kg  | 0.052 | mg/kg  |      |
| RY503-F      | 10FC-RY503-F-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | CHROMIUM      | 1.0          | Y           | J             | J            |           | 1.0          | mg/kg  | 3.6   | mg/kg  |      |
| RY503-F      | 10FC-RY503-F-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | COBALT        | 5.0          | Y           | J             | J            | J         | 5.0          | mg/kg  | 3.2   | mg/kg  |      |
| RY503-F      | 10FC-RY503-F-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | COPPER        | 2.5          | Y           | J+            | J+           |           | 2.5          | mg/kg  | 5.4   | mg/kg  |      |
| RY503-F      | 10FC-RY503-F-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | VANADIUM      | 5.0          | Y           | J             | J            |           | 5.0          | mg/kg  | 8     | mg/kg  |      |
| RY503-F      | 10FC-RY503-F-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | ZINC          | 6.0          | Y           | J             | J            |           | 6.0          | mg/kg  | 19.6  | mg/kg  |      |
| RY503-F      | 10FC-RY503-F-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | CALCIUM       | 500          | Y           | J             | J            |           | 500          | mg/kg  | 1270  | mg/kg  |      |
| RY503-F      | 10FC-RY503-F-000002 | 6/23/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | SELENIUM      | 3.5          | N           | U             |              | U         | 3.5          | mg/kg  | 4.3   | mg/kg  |      |
| RY503-F      | 10FC-RY503-F-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | ALUMINUM      | 20.0         | Y           | J             | J            |           | 20.0         | mg/kg  | 12200 | mg/kg  |      |
| RY503-F      | 10FC-RY503-F-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | IRON          | 10.0         | Y           | J             | J            |           | 10.0         | mg/kg  | 8230  | mg/kg  |      |
| RY503-F      | 10FC-RY503-F-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | LEAD          | 1.0          | Y           | J+            | J+           |           | 1.0          | mg/kg  | 3     | mg/kg  |      |
| RY503-F      | 10FC-RY503-F-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | MAGNESIUM     | 500          | Y           | J             | J            |           | 500          | mg/kg  | 2170  | mg/kg  |      |
| RY503-F      | 10FC-RY503-F-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | MANGANESE     | 1.5          | Y           | J-            | J-           |           | 1.5          | mg/kg  | 319   | mg/kg  |      |
| RY503-F      | 10FC-RY503-F-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | NICKEL        | 4.0          | Y           | J             | J            | J         | 4.0          | mg/kg  | 3.6   | mg/kg  |      |
| RY503-F      | 10FC-RY503-F-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | POTASSIUM     | 500          | Y           | J             | J            |           | 500          | mg/kg  | 1380  | mg/kg  |      |
| RY503-F      | 10FC-RY503-F-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | SILVER        | 1.0          | N           | U             |              | U         | 1.0          | mg/kg  | 1.2   | mg/kg  |      |
| RY503-F      | 10FC-RY503-F-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | SODIUM        | 500          | Y           | J             |              | J         | 500          | mg/kg  | 249   | mg/kg  |      |
| RY503-F      | 10FC-RY503-F-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | THALLIUM      | 2.5          | N           | U             |              | U         | 2.5          | mg/kg  | 3     | mg/kg  |      |
| RY503-F      | 10FC-RY503-F-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | ANTIMONY      | 6.0          | N           | R             | R            | U         | 6.0          | mg/kg  | 7.2   | mg/kg  |      |
| RY503-F      | 10FC-RY503-F-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | ARSENIC       | 1.0          | Y           | J             |              | J         | 1.0          | mg/kg  | 0.8   | mg/kg  |      |
| RY503-F      | 10FC-RY503-F-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | BARIUM        | 20.0         | Y           | J             | J            |           | 20.0         | mg/kg  | 122   | mg/kg  |      |
| RY503-F      | 10FC-RY503-F-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | BERYLLIUM     | 0.50         | Y           | J             |              | J         | 0.50         | mg/kg  | 0.094 | mg/kg  |      |
| RY503-F      | 10FC-RY503-F-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | CADMIUM       | 0.50         | Y           | J             |              | J         | 0.50         | mg/kg  | 0.022 | mg/kg  |      |
| RY503-F      | 10FC-RY503-F-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | CHROMIUM      | 1.0          | Y           | J             | J            |           | 1.0          | mg/kg  | 4.1   | mg/kg  |      |
| RY503-F      | 10FC-RY503-F-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | COBALT        | 5.0          | Y           | J             | J            | J         | 5.0          | mg/kg  | 2.7   | mg/kg  |      |
| RY503-F      | 10FC-RY503-F-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | COPPER        | 2.5          | Y           | J+            | J+           |           | 2.5          | mg/kg  | 4.9   | mg/kg  |      |
| RY503-F      | 10FC-RY503-F-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | VANADIUM      | 5.0          | Y           | J             | J            |           | 5.0          | mg/kg  | 9.1   | mg/kg  |      |
| RY503-F      | 10FC-RY503-F-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | ZINC          | 6.0          | Y           | J             | J            |           | 6.0          | mg/kg  | 19.6  | mg/kg  |      |
| RY503-F      | 10FC-RY503-F-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | CALCIUM       | 500          | Y           | J             | J            |           | 500          | mg/kg  | 1700  | mg/kg  |      |
| RY503-F      | 10FC-RY503-F-002006 | 6/23/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | SELENIUM      | 3.5          | Y           | J             |              | J         | 3.5          | mg/kg  | 0.84  | mg/kg  |      |
| RY560-A      | 10FC-RY560-A-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ALUMINUM      | 22.1         | Y           |               |              |           | 22.1         | mg/kg  | 4170  | mg/kg  |      |
| RY560-A      | 10FC-RY560-A-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | IRON          | 11.0         | Y           |               |              |           | 11.0         | mg/kg  | 8360  | mg/kg  |      |
| RY560-A      | 10FC-RY560-A-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | LEAD          | 1.1          | Y           |               |              |           | 1.1          | mg/kg  | 14.2  | mg/kg  |      |
| RY560-A      | 10FC-RY560-A-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 551          | Y           |               |              |           | 551          | mg/kg  | 3210  | mg/kg  |      |
| RY560-A      | 10FC-RY560-A-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | MANGANESE     | 1.7          | Y           |               |              |           | 1.7          | mg/kg  | 214   | mg/kg  |      |
| RY560-A      | 10FC-RY560-A-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | NICKEL        | 4.4          | Y           |               |              |           | 4.4          | mg/kg  | 6.2   | mg/kg  |      |
| RY560-A      | 10FC-RY560-A-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | POTASSIUM     | 551          | Y           |               |              |           | 551          | mg/kg  | 1000  | mg/kg  |      |
| RY560-A      | 10FC-RY560-A-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SILVER        | 1.1          | N           | U             |              | U         | 1.1          | mg/kg  | 1.1   | mg/kg  |      |
| RY560-A      | 10FC-RY560-A-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SODIUM        | 551          | Y           | J             |              | J         | 551          | mg/kg  | 217   | mg/kg  |      |
| RY560-A      | 10FC-RY560-A-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | THALLIUM      | 2.8          | N           | U             |              | U         | 2.8          | mg/kg  | 2.8   | mg/kg  |      |
| RY560-A      | 10FC-RY560-A-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ANTIMONY      | 6.6          | Y           | J             | J            | J         | 6.6          | mg/kg  | 0.5   | mg/kg  |      |
| RY560-A      | 10FC-RY560-A-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ARSENIC       | 1.1          | Y           | J             | J            |           | 1.1          | mg/kg  | 8.4   | mg/kg  |      |
| RY560-A      | 10FC-RY560-A-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | BARIUM        | 22.1         | Y           |               |              |           | 22.1         | mg/kg  | 89.4  | mg/kg  |      |
| RY560-A      | 10FC-RY560-A-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.55         | Y           | J             |              | J         | 0.55         | mg/kg  | 0.34  | mg/kg  |      |



Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code       | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|-----------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                       |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY560-A      | 10FC-RY560-A-006012   | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.55          | Y           | J             |              | J         | 0.55          | mg/kg | 0.17   | mg/kg |
| RY560-A      | 10FC-RY560-A-006012   | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CHROMIUM      | 1.1           | Y           |               |              |           | 1.1           | mg/kg | 5.7    | mg/kg |
| RY560-A      | 10FC-RY560-A-006012   | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | COBALT        | 5.5           | Y           | J             |              | J         | 5.5           | mg/kg | 4.2    | mg/kg |
| RY560-A      | 10FC-RY560-A-006012   | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | COPPER        | 2.8           | Y           |               |              |           | 2.8           | mg/kg | 53     | mg/kg |
| RY560-A      | 10FC-RY560-A-006012   | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | VANADIUM      | 5.5           | Y           |               |              |           | 5.5           | mg/kg | 10.5   | mg/kg |
| RY560-A      | 10FC-RY560-A-006012   | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ZINC          | 6.6           | Y           |               |              |           | 6.6           | mg/kg | 51.7   | mg/kg |
| RY560-A      | 10FC-RY560-A-006012   | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CALCIUM       | 551           | Y           |               |              |           | 551           | mg/kg | 2650   | mg/kg |
| RY560-A      | 10FC-RY560-A-006012   | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SELENIUM      | 3.9           | Y           | J             | J            | J         | 3.9           | mg/kg | 1.5    | mg/kg |
| RY560-A      | 10FC-RY560-A-006012-D | 6/29/2010   | FD          | 6           | 12        | in         | C200.7          | 10/15/2010    | ALUMINUM      | 14.2          | Y           |               |              |           | 14.2          | mg/kg | 3940   | mg/kg |
| RY560-A      | 10FC-RY560-A-006012-D | 6/29/2010   | FD          | 6           | 12        | in         | C200.7          | 10/15/2010    | IRON          | 7.1           | Y           |               |              |           | 7.1           | mg/kg | 7880   | mg/kg |
| RY560-A      | 10FC-RY560-A-006012-D | 6/29/2010   | FD          | 6           | 12        | in         | C200.7          | 10/15/2010    | LEAD          | 0.71          | Y           |               |              |           | 0.71          | mg/kg | 10.2   | mg/kg |
| RY560-A      | 10FC-RY560-A-006012-D | 6/29/2010   | FD          | 6           | 12        | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 356           | Y           |               |              |           | 356           | mg/kg | 3110   | mg/kg |
| RY560-A      | 10FC-RY560-A-006012-D | 6/29/2010   | FD          | 6           | 12        | in         | C200.7          | 10/15/2010    | MANGANESE     | 1.1           | Y           |               |              |           | 1.1           | mg/kg | 218    | mg/kg |
| RY560-A      | 10FC-RY560-A-006012-D | 6/29/2010   | FD          | 6           | 12        | in         | C200.7          | 10/15/2010    | NICKEL        | 2.8           | Y           |               |              |           | 2.8           | mg/kg | 8.5    | mg/kg |
| RY560-A      | 10FC-RY560-A-006012-D | 6/29/2010   | FD          | 6           | 12        | in         | C200.7          | 10/15/2010    | POTASSIUM     | 356           | Y           |               |              |           | 356           | mg/kg | 1040   | mg/kg |
| RY560-A      | 10FC-RY560-A-006012-D | 6/29/2010   | FD          | 6           | 12        | in         | C200.7          | 10/15/2010    | SILVER        | 0.71          | N           | U             |              | U         | 0.71          | mg/kg | 0.71   | mg/kg |
| RY560-A      | 10FC-RY560-A-006012-D | 6/29/2010   | FD          | 6           | 12        | in         | C200.7          | 10/15/2010    | SODIUM        | 356           | Y           | J             |              | J         | 356           | mg/kg | 142    | mg/kg |
| RY560-A      | 10FC-RY560-A-006012-D | 6/29/2010   | FD          | 6           | 12        | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.8           | N           | U             |              | U         | 1.8           | mg/kg | 1.8    | mg/kg |
| RY560-A      | 10FC-RY560-A-006012-D | 6/29/2010   | FD          | 6           | 12        | in         | C200.7          | 10/15/2010    | ANTIMONY      | 4.3           | Y           | J             | J            |           | 4.3           | mg/kg | 4.7    | mg/kg |
| RY560-A      | 10FC-RY560-A-006012-D | 6/29/2010   | FD          | 6           | 12        | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.71          | N           | UJ            | UJ           | U         | 0.71          | mg/kg | 0.71   | mg/kg |
| RY560-A      | 10FC-RY560-A-006012-D | 6/29/2010   | FD          | 6           | 12        | in         | C200.7          | 10/15/2010    | BARIUM        | 14.2          | Y           |               |              |           | 14.2          | mg/kg | 79.7   | mg/kg |
| RY560-A      | 10FC-RY560-A-006012-D | 6/29/2010   | FD          | 6           | 12        | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.36          | Y           | J             |              | J         | 0.36          | mg/kg | 0.3    | mg/kg |
| RY560-A      | 10FC-RY560-A-006012-D | 6/29/2010   | FD          | 6           | 12        | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.36          | Y           |               |              |           | 0.36          | mg/kg | 0.69   | mg/kg |
| RY560-A      | 10FC-RY560-A-006012-D | 6/29/2010   | FD          | 6           | 12        | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.71          | Y           |               |              |           | 0.71          | mg/kg | 5      | mg/kg |
| RY560-A      | 10FC-RY560-A-006012-D | 6/29/2010   | FD          | 6           | 12        | in         | C200.7          | 10/15/2010    | COBALT        | 3.6           | Y           | J             |              | J         | 3.6           | mg/kg | 2.8    | mg/kg |
| RY560-A      | 10FC-RY560-A-006012-D | 6/29/2010   | FD          | 6           | 12        | in         | C200.7          | 10/15/2010    | COPPER        | 1.8           | Y           |               |              |           | 1.8           | mg/kg | 52.8   | mg/kg |
| RY560-A      | 10FC-RY560-A-006012-D | 6/29/2010   | FD          | 6           | 12        | in         | C200.7          | 10/15/2010    | VANADIUM      | 3.6           | Y           |               |              |           | 3.6           | mg/kg | 9.2    | mg/kg |
| RY560-A      | 10FC-RY560-A-006012-D | 6/29/2010   | FD          | 6           | 12        | in         | C200.7          | 10/15/2010    | ZINC          | 4.3           | Y           |               |              |           | 4.3           | mg/kg | 47.1   | mg/kg |
| RY560-A      | 10FC-RY560-A-006012-D | 6/29/2010   | FD          | 6           | 12        | in         | C200.7          | 10/15/2010    | CALCIUM       | 356           | Y           |               |              |           | 356           | mg/kg | 2430   | mg/kg |
| RY560-A      | 10FC-RY560-A-006012-D | 6/29/2010   | FD          | 6           | 12        | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.5           | Y           | J             | J            |           | 2.5           | mg/kg | 26.3   | mg/kg |
| RY582-A      | 10FC-RY582-A-000002   | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ALUMINUM      | 12.2          | Y           |               |              |           | 12.2          | mg/kg | 8120   | mg/kg |
| RY582-A      | 10FC-RY582-A-000002   | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | IRON          | 6.1           | Y           |               |              |           | 6.1           | mg/kg | 8650   | mg/kg |
| RY582-A      | 10FC-RY582-A-000002   | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | LEAD          | 0.61          | Y           |               |              |           | 0.61          | mg/kg | 8.3    | mg/kg |
| RY582-A      | 10FC-RY582-A-000002   | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 306           | Y           |               |              |           | 306           | mg/kg | 2640   | mg/kg |
| RY582-A      | 10FC-RY582-A-000002   | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | MANGANESE     | 0.92          | Y           |               |              |           | 0.92          | mg/kg | 590    | mg/kg |
| RY582-A      | 10FC-RY582-A-000002   | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | NICKEL        | 2.4           | Y           |               |              |           | 2.4           | mg/kg | 7.2    | mg/kg |
| RY582-A      | 10FC-RY582-A-000002   | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | POTASSIUM     | 306           | Y           |               |              |           | 306           | mg/kg | 1410   | mg/kg |
| RY582-A      | 10FC-RY582-A-000002   | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SILVER        | 0.61          | N           | U             |              | U         | 0.61          | mg/kg | 0.61   | mg/kg |
| RY582-A      | 10FC-RY582-A-000002   | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SODIUM        | 306           | Y           | J             |              | J         | 306           | mg/kg | 148    | mg/kg |
| RY582-A      | 10FC-RY582-A-000002   | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.5           | N           | U             |              | U         | 1.5           | mg/kg | 1.5    | mg/kg |
| RY582-A      | 10FC-RY582-A-000002   | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ANTIMONY      | 3.7           | Y           | J             | J            | J         | 3.7           | mg/kg | 0.27   | mg/kg |
| RY582-A      | 10FC-RY582-A-000002   | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.61          | Y           |               |              |           | 0.61          | mg/kg | 2.6    | mg/kg |
| RY582-A      | 10FC-RY582-A-000002   | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | BARIUM        | 12.2          | Y           |               |              |           | 12.2          | mg/kg | 216    | mg/kg |
| RY582-A      | 10FC-RY582-A-000002   | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.31          | Y           |               |              |           | 0.31          | mg/kg | 0.47   | mg/kg |
| RY582-A      | 10FC-RY582-A-000002   | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.31          | Y           | J             |              | J         | 0.31          | mg/kg | 0.04   | mg/kg |
| RY582-A      | 10FC-RY582-A-000002   | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.61          | Y           |               |              |           | 0.61          | mg/kg | 6.2    | mg/kg |
| RY582-A      | 10FC-RY582-A-000002   | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | COBALT        | 3.1           | Y           |               |              |           | 3.1           | mg/kg | 5.5    | mg/kg |
| RY582-A      | 10FC-RY582-A-000002   | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | COPPER        | 1.5           | Y           |               |              |           | 1.5           | mg/kg | 7.7    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY582-A      | 10FC-RY582-A-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | VANADIUM      | 3.1           | Y           |               |              |           | 3.1                 | mg/kg | 9.3    | mg/kg |
| RY582-A      | 10FC-RY582-A-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ZINC          | 3.7           | Y           |               |              |           | 3.7                 | mg/kg | 32.4   | mg/kg |
| RY582-A      | 10FC-RY582-A-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CALCIUM       | 306           | Y           |               |              |           | 306                 | mg/kg | 2090   | mg/kg |
| RY582-A      | 10FC-RY582-A-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.1           | Y           | J             |              | J         | 2.1                 | mg/kg | 1.4    | mg/kg |
| RY582-A      | 10FC-RY582-A-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ALUMINUM      | 13.1          | Y           |               |              |           | 13.1                | mg/kg | 8590   | mg/kg |
| RY582-A      | 10FC-RY582-A-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | IRON          | 6.6           | Y           |               |              |           | 6.6                 | mg/kg | 8600   | mg/kg |
| RY582-A      | 10FC-RY582-A-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | LEAD          | 0.66          | Y           |               |              |           | 0.66                | mg/kg | 8      | mg/kg |
| RY582-A      | 10FC-RY582-A-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 328           | Y           |               |              |           | 328                 | mg/kg | 2550   | mg/kg |
| RY582-A      | 10FC-RY582-A-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | MANGANESE     | 0.99          | Y           |               |              |           | 0.99                | mg/kg | 495    | mg/kg |
| RY582-A      | 10FC-RY582-A-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | NICKEL        | 2.6           | Y           |               |              |           | 2.6                 | mg/kg | 6.6    | mg/kg |
| RY582-A      | 10FC-RY582-A-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | POTASSIUM     | 328           | Y           |               |              |           | 328                 | mg/kg | 1390   | mg/kg |
| RY582-A      | 10FC-RY582-A-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SILVER        | 0.66          | N           | U             |              | U         | 0.66                | mg/kg | 0.66   | mg/kg |
| RY582-A      | 10FC-RY582-A-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SODIUM        | 328           | Y           | J             |              | J         | 328                 | mg/kg | 160    | mg/kg |
| RY582-A      | 10FC-RY582-A-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.6           | N           | U             |              | U         | 1.6                 | mg/kg | 1.6    | mg/kg |
| RY582-A      | 10FC-RY582-A-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ANTIMONY      | 3.9           | Y           | J             | J            | J         | 3.9                 | mg/kg | 0.3    | mg/kg |
| RY582-A      | 10FC-RY582-A-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.66          | Y           |               |              |           | 0.66                | mg/kg | 2.5    | mg/kg |
| RY582-A      | 10FC-RY582-A-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | BARIUM        | 13.1          | Y           |               |              |           | 13.1                | mg/kg | 208    | mg/kg |
| RY582-A      | 10FC-RY582-A-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.33          | Y           |               |              |           | 0.33                | mg/kg | 0.48   | mg/kg |
| RY582-A      | 10FC-RY582-A-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.33          | Y           | J             |              | J         | 0.33                | mg/kg | 0.04   | mg/kg |
| RY582-A      | 10FC-RY582-A-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.66          | Y           |               |              |           | 0.66                | mg/kg | 5.8    | mg/kg |
| RY582-A      | 10FC-RY582-A-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | COBALT        | 3.3           | Y           |               |              |           | 3.3                 | mg/kg | 4.8    | mg/kg |
| RY582-A      | 10FC-RY582-A-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | COPPER        | 1.6           | Y           |               |              |           | 1.6                 | mg/kg | 7.9    | mg/kg |
| RY582-A      | 10FC-RY582-A-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | VANADIUM      | 3.3           | Y           |               |              |           | 3.3                 | mg/kg | 9.1    | mg/kg |
| RY582-A      | 10FC-RY582-A-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ZINC          | 3.9           | Y           |               |              |           | 3.9                 | mg/kg | 31.8   | mg/kg |
| RY582-A      | 10FC-RY582-A-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CALCIUM       | 328           | Y           |               |              |           | 328                 | mg/kg | 2360   | mg/kg |
| RY582-A      | 10FC-RY582-A-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.3           | Y           | J             |              | J         | 2.3                 | mg/kg | 1.3    | mg/kg |
| RY582-A      | 10FC-RY582-A-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ALUMINUM      | 13.0          | Y           |               |              |           | 13.0                | mg/kg | 8890   | mg/kg |
| RY582-A      | 10FC-RY582-A-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | IRON          | 6.5           | Y           |               |              |           | 6.5                 | mg/kg | 9380   | mg/kg |
| RY582-A      | 10FC-RY582-A-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | LEAD          | 0.65          | Y           |               |              |           | 0.65                | mg/kg | 8.6    | mg/kg |
| RY582-A      | 10FC-RY582-A-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 325           | Y           |               |              |           | 325                 | mg/kg | 2820   | mg/kg |
| RY582-A      | 10FC-RY582-A-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | MANGANESE     | 0.98          | Y           |               |              |           | 0.98                | mg/kg | 616    | mg/kg |
| RY582-A      | 10FC-RY582-A-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | NICKEL        | 2.6           | Y           |               |              |           | 2.6                 | mg/kg | 7.6    | mg/kg |
| RY582-A      | 10FC-RY582-A-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | POTASSIUM     | 325           | Y           |               |              |           | 325                 | mg/kg | 1410   | mg/kg |
| RY582-A      | 10FC-RY582-A-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SILVER        | 0.65          | N           | U             |              | U         | 0.65                | mg/kg | 0.65   | mg/kg |
| RY582-A      | 10FC-RY582-A-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SODIUM        | 325           | Y           | J             |              | J         | 325                 | mg/kg | 167    | mg/kg |
| RY582-A      | 10FC-RY582-A-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.6           | N           | U             |              | U         | 1.6                 | mg/kg | 1.6    | mg/kg |
| RY582-A      | 10FC-RY582-A-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ANTIMONY      | 3.9           | Y           | J             | J            | J         | 3.9                 | mg/kg | 0.26   | mg/kg |
| RY582-A      | 10FC-RY582-A-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.65          | Y           |               |              |           | 0.65                | mg/kg | 2.8    | mg/kg |
| RY582-A      | 10FC-RY582-A-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | BARIUM        | 13.0          | Y           |               |              |           | 13.0                | mg/kg | 219    | mg/kg |
| RY582-A      | 10FC-RY582-A-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.33          | Y           |               |              |           | 0.33                | mg/kg | 0.52   | mg/kg |
| RY582-A      | 10FC-RY582-A-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.33          | Y           | J             |              | J         | 0.33                | mg/kg | 0.06   | mg/kg |
| RY582-A      | 10FC-RY582-A-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.65          | Y           |               |              |           | 0.65                | mg/kg | 6.6    | mg/kg |
| RY582-A      | 10FC-RY582-A-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | COBALT        | 3.3           | Y           |               |              |           | 3.3                 | mg/kg | 5.5    | mg/kg |
| RY582-A      | 10FC-RY582-A-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | COPPER        | 1.6           | Y           |               |              |           | 1.6                 | mg/kg | 8.7    | mg/kg |
| RY582-A      | 10FC-RY582-A-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | VANADIUM      | 3.3           | Y           |               |              |           | 3.3                 | mg/kg | 10     | mg/kg |
| RY582-A      | 10FC-RY582-A-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ZINC          | 3.9           | Y           |               |              |           | 3.9                 | mg/kg | 33.4   | mg/kg |
| RY582-A      | 10FC-RY582-A-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CALCIUM       | 325           | Y           |               |              |           | 325                 | mg/kg | 2470   | mg/kg |
| RY582-A      | 10FC-RY582-A-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.3           | Y           | J             |              | J         | 2.3                 | mg/kg | 1.4    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY582-B      | 10FC-RY582-B-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ALUMINUM      | 12.3          | Y           |               |              |           | 12.3          | mg/kg | 9970   | mg/kg |
| RY582-B      | 10FC-RY582-B-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | IRON          | 6.1           | Y           |               |              |           | 6.1           | mg/kg | 8780   | mg/kg |
| RY582-B      | 10FC-RY582-B-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | LEAD          | 0.61          | Y           |               |              |           | 0.61          | mg/kg | 8.6    | mg/kg |
| RY582-B      | 10FC-RY582-B-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 307           | Y           |               |              |           | 307           | mg/kg | 2260   | mg/kg |
| RY582-B      | 10FC-RY582-B-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | MANGANESE     | 0.92          | Y           |               |              |           | 0.92          | mg/kg | 601    | mg/kg |
| RY582-B      | 10FC-RY582-B-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | NICKEL        | 2.5           | Y           |               |              |           | 2.5           | mg/kg | 6.6    | mg/kg |
| RY582-B      | 10FC-RY582-B-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | POTASSIUM     | 307           | Y           |               |              |           | 307           | mg/kg | 1500   | mg/kg |
| RY582-B      | 10FC-RY582-B-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SILVER        | 0.61          | N           | U             |              | U         | 0.61          | mg/kg | 0.61   | mg/kg |
| RY582-B      | 10FC-RY582-B-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SODIUM        | 307           | Y           | J             |              | J         | 307           | mg/kg | 188    | mg/kg |
| RY582-B      | 10FC-RY582-B-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.5           | N           | U             |              | U         | 1.5           | mg/kg | 1.5    | mg/kg |
| RY582-B      | 10FC-RY582-B-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ANTIMONY      | 3.7           | Y           | J             | J            | J         | 3.7           | mg/kg | 0.28   | mg/kg |
| RY582-B      | 10FC-RY582-B-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.61          | Y           |               |              |           | 0.61          | mg/kg | 2.6    | mg/kg |
| RY582-B      | 10FC-RY582-B-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | BARIUM        | 12.3          | Y           |               |              |           | 12.3          | mg/kg | 237    | mg/kg |
| RY582-B      | 10FC-RY582-B-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.31          | Y           |               |              |           | 0.31          | mg/kg | 0.48   | mg/kg |
| RY582-B      | 10FC-RY582-B-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.31          | Y           | J             |              | J         | 0.31          | mg/kg | 0.05   | mg/kg |
| RY582-B      | 10FC-RY582-B-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.61          | Y           |               |              |           | 0.61          | mg/kg | 5.6    | mg/kg |
| RY582-B      | 10FC-RY582-B-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | COBALT        | 3.1           | Y           |               |              |           | 3.1           | mg/kg | 5      | mg/kg |
| RY582-B      | 10FC-RY582-B-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | COPPER        | 1.5           | Y           |               |              |           | 1.5           | mg/kg | 8.1    | mg/kg |
| RY582-B      | 10FC-RY582-B-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | VANADIUM      | 3.1           | Y           |               |              |           | 3.1           | mg/kg | 9.7    | mg/kg |
| RY582-B      | 10FC-RY582-B-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ZINC          | 3.7           | Y           |               |              |           | 3.7           | mg/kg | 33.8   | mg/kg |
| RY582-B      | 10FC-RY582-B-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CALCIUM       | 307           | Y           |               |              |           | 307           | mg/kg | 1970   | mg/kg |
| RY582-B      | 10FC-RY582-B-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.1           | Y           | J             |              | J         | 2.1           | mg/kg | 1.2    | mg/kg |
| RY582-B      | 10FC-RY582-B-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ALUMINUM      | 11.5          | Y           |               |              |           | 11.5          | mg/kg | 10700  | mg/kg |
| RY582-B      | 10FC-RY582-B-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | IRON          | 5.7           | Y           |               |              |           | 5.7           | mg/kg | 8600   | mg/kg |
| RY582-B      | 10FC-RY582-B-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | LEAD          | 0.57          | Y           |               |              |           | 0.57          | mg/kg | 8.1    | mg/kg |
| RY582-B      | 10FC-RY582-B-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 286           | Y           |               |              |           | 286           | mg/kg | 2250   | mg/kg |
| RY582-B      | 10FC-RY582-B-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | MANGANESE     | 0.86          | Y           |               |              |           | 0.86          | mg/kg | 431    | mg/kg |
| RY582-B      | 10FC-RY582-B-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | NICKEL        | 2.3           | Y           |               |              |           | 2.3           | mg/kg | 6.4    | mg/kg |
| RY582-B      | 10FC-RY582-B-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | POTASSIUM     | 286           | Y           |               |              |           | 286           | mg/kg | 1540   | mg/kg |
| RY582-B      | 10FC-RY582-B-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SILVER        | 0.57          | N           | U             |              | U         | 0.57          | mg/kg | 0.57   | mg/kg |
| RY582-B      | 10FC-RY582-B-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SODIUM        | 286           | Y           | J             |              | J         | 286           | mg/kg | 189    | mg/kg |
| RY582-B      | 10FC-RY582-B-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.4           | N           | U             |              | U         | 1.4           | mg/kg | 1.4    | mg/kg |
| RY582-B      | 10FC-RY582-B-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ANTIMONY      | 3.4           | Y           | J             | J            | J         | 3.4           | mg/kg | 0.42   | mg/kg |
| RY582-B      | 10FC-RY582-B-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.57          | Y           |               |              |           | 0.57          | mg/kg | 2.5    | mg/kg |
| RY582-B      | 10FC-RY582-B-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | BARIUM        | 11.5          | Y           |               |              |           | 11.5          | mg/kg | 242    | mg/kg |
| RY582-B      | 10FC-RY582-B-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.29          | Y           |               |              |           | 0.29          | mg/kg | 0.5    | mg/kg |
| RY582-B      | 10FC-RY582-B-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.29          | Y           | J             |              | J         | 0.29          | mg/kg | 0.06   | mg/kg |
| RY582-B      | 10FC-RY582-B-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.57          | Y           |               |              |           | 0.57          | mg/kg | 5.2    | mg/kg |
| RY582-B      | 10FC-RY582-B-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | COBALT        | 2.9           | Y           |               |              |           | 2.9           | mg/kg | 4.7    | mg/kg |
| RY582-B      | 10FC-RY582-B-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | COPPER        | 1.4           | Y           |               |              |           | 1.4           | mg/kg | 8.6    | mg/kg |
| RY582-B      | 10FC-RY582-B-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | VANADIUM      | 2.9           | Y           |               |              |           | 2.9           | mg/kg | 10.2   | mg/kg |
| RY582-B      | 10FC-RY582-B-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ZINC          | 3.4           | Y           |               |              |           | 3.4           | mg/kg | 30.7   | mg/kg |
| RY582-B      | 10FC-RY582-B-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CALCIUM       | 286           | Y           |               |              |           | 286           | mg/kg | 3010   | mg/kg |
| RY582-B      | 10FC-RY582-B-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.0           | Y           | J             |              | J         | 2.0           | mg/kg | 1.4    | mg/kg |
| RY582-B      | 10FC-RY582-B-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ALUMINUM      | 12.6          | Y           |               |              |           | 12.6          | mg/kg | 9780   | mg/kg |
| RY582-B      | 10FC-RY582-B-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | IRON          | 6.3           | Y           |               |              |           | 6.3           | mg/kg | 8470   | mg/kg |
| RY582-B      | 10FC-RY582-B-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | LEAD          | 0.63          | Y           |               |              |           | 0.63          | mg/kg | 8      | mg/kg |
| RY582-B      | 10FC-RY582-B-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 315           | Y           |               |              |           | 315           | mg/kg | 2210   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code       | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|-----------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                       |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY582-B      | 10FC-RY582-B-006012   | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | MANGANESE     | 0.95          | Y           |               |              |           | 0.95          | mg/kg | 567    | mg/kg |
| RY582-B      | 10FC-RY582-B-006012   | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | NICKEL        | 2.5           | Y           |               |              |           | 2.5           | mg/kg | 6.4    | mg/kg |
| RY582-B      | 10FC-RY582-B-006012   | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | POTASSIUM     | 315           | Y           |               |              |           | 315           | mg/kg | 1470   | mg/kg |
| RY582-B      | 10FC-RY582-B-006012   | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SILVER        | 0.63          | N           | U             |              | U         | 0.63          | mg/kg | 0.63   | mg/kg |
| RY582-B      | 10FC-RY582-B-006012   | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SODIUM        | 315           | Y           | J             |              | J         | 315           | mg/kg | 197    | mg/kg |
| RY582-B      | 10FC-RY582-B-006012   | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.6           | N           | U             |              | U         | 1.6           | mg/kg | 1.6    | mg/kg |
| RY582-B      | 10FC-RY582-B-006012   | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ANTIMONY      | 3.8           | Y           | J             | J            | J         | 3.8           | mg/kg | 0.26   | mg/kg |
| RY582-B      | 10FC-RY582-B-006012   | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.63          | Y           |               |              |           | 0.63          | mg/kg | 2.5    | mg/kg |
| RY582-B      | 10FC-RY582-B-006012   | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | BARIUM        | 12.6          | Y           |               |              |           | 12.6          | mg/kg | 228    | mg/kg |
| RY582-B      | 10FC-RY582-B-006012   | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.32          | Y           |               |              |           | 0.32          | mg/kg | 0.46   | mg/kg |
| RY582-B      | 10FC-RY582-B-006012   | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.32          | Y           | J             |              | J         | 0.32          | mg/kg | 0.05   | mg/kg |
| RY582-B      | 10FC-RY582-B-006012   | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.63          | Y           |               |              |           | 0.63          | mg/kg | 5.4    | mg/kg |
| RY582-B      | 10FC-RY582-B-006012   | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | COBALT        | 3.2           | Y           |               |              |           | 3.2           | mg/kg | 5.2    | mg/kg |
| RY582-B      | 10FC-RY582-B-006012   | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | COPPER        | 1.6           | Y           |               |              |           | 1.6           | mg/kg | 8.4    | mg/kg |
| RY582-B      | 10FC-RY582-B-006012   | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | VANADIUM      | 3.2           | Y           |               |              |           | 3.2           | mg/kg | 9.7    | mg/kg |
| RY582-B      | 10FC-RY582-B-006012   | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ZINC          | 3.8           | Y           |               |              |           | 3.8           | mg/kg | 29.4   | mg/kg |
| RY582-B      | 10FC-RY582-B-006012   | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CALCIUM       | 315           | Y           |               |              |           | 315           | mg/kg | 1960   | mg/kg |
| RY582-B      | 10FC-RY582-B-006012   | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.2           | Y           | J             |              | J         | 2.2           | mg/kg | 1.2    | mg/kg |
| RY582-B      | 10FC-RY582-B-006012-D | 7/20/2010   | FD          | 6           | 12        | in         | C200.7          | 10/15/2010    | ALUMINUM      | 13.0          | Y           |               |              |           | 13.0          | mg/kg | 9610   | mg/kg |
| RY582-B      | 10FC-RY582-B-006012-D | 7/20/2010   | FD          | 6           | 12        | in         | C200.7          | 10/15/2010    | IRON          | 6.5           | Y           |               |              |           | 6.5           | mg/kg | 8780   | mg/kg |
| RY582-B      | 10FC-RY582-B-006012-D | 7/20/2010   | FD          | 6           | 12        | in         | C200.7          | 10/15/2010    | LEAD          | 0.65          | Y           |               |              |           | 0.65          | mg/kg | 8.4    | mg/kg |
| RY582-B      | 10FC-RY582-B-006012-D | 7/20/2010   | FD          | 6           | 12        | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 326           | Y           |               |              |           | 326           | mg/kg | 2290   | mg/kg |
| RY582-B      | 10FC-RY582-B-006012-D | 7/20/2010   | FD          | 6           | 12        | in         | C200.7          | 10/15/2010    | MANGANESE     | 0.98          | Y           |               |              |           | 0.98          | mg/kg | 663    | mg/kg |
| RY582-B      | 10FC-RY582-B-006012-D | 7/20/2010   | FD          | 6           | 12        | in         | C200.7          | 10/15/2010    | NICKEL        | 2.6           | Y           |               |              |           | 2.6           | mg/kg | 6.7    | mg/kg |
| RY582-B      | 10FC-RY582-B-006012-D | 7/20/2010   | FD          | 6           | 12        | in         | C200.7          | 10/15/2010    | POTASSIUM     | 326           | Y           |               |              |           | 326           | mg/kg | 1490   | mg/kg |
| RY582-B      | 10FC-RY582-B-006012-D | 7/20/2010   | FD          | 6           | 12        | in         | C200.7          | 10/15/2010    | SILVER        | 0.65          | N           | U             |              | U         | 0.65          | mg/kg | 0.65   | mg/kg |
| RY582-B      | 10FC-RY582-B-006012-D | 7/20/2010   | FD          | 6           | 12        | in         | C200.7          | 10/15/2010    | SODIUM        | 326           | Y           | J             |              | J         | 326           | mg/kg | 173    | mg/kg |
| RY582-B      | 10FC-RY582-B-006012-D | 7/20/2010   | FD          | 6           | 12        | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.6           | N           | U             |              | U         | 1.6           | mg/kg | 1.6    | mg/kg |
| RY582-B      | 10FC-RY582-B-006012-D | 7/20/2010   | FD          | 6           | 12        | in         | C200.7          | 10/15/2010    | ANTIMONY      | 3.9           | Y           | J             | J            | J         | 3.9           | mg/kg | 0.37   | mg/kg |
| RY582-B      | 10FC-RY582-B-006012-D | 7/20/2010   | FD          | 6           | 12        | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.65          | Y           |               |              |           | 0.65          | mg/kg | 2.5    | mg/kg |
| RY582-B      | 10FC-RY582-B-006012-D | 7/20/2010   | FD          | 6           | 12        | in         | C200.7          | 10/15/2010    | BARIUM        | 13.0          | Y           |               |              |           | 13.0          | mg/kg | 238    | mg/kg |
| RY582-B      | 10FC-RY582-B-006012-D | 7/20/2010   | FD          | 6           | 12        | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.33          | Y           |               |              |           | 0.33          | mg/kg | 0.49   | mg/kg |
| RY582-B      | 10FC-RY582-B-006012-D | 7/20/2010   | FD          | 6           | 12        | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.33          | Y           | J             |              | J         | 0.33          | mg/kg | 0.06   | mg/kg |
| RY582-B      | 10FC-RY582-B-006012-D | 7/20/2010   | FD          | 6           | 12        | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.65          | Y           |               |              |           | 0.65          | mg/kg | 5.7    | mg/kg |
| RY582-B      | 10FC-RY582-B-006012-D | 7/20/2010   | FD          | 6           | 12        | in         | C200.7          | 10/15/2010    | COBALT        | 3.3           | Y           |               |              |           | 3.3           | mg/kg | 5.3    | mg/kg |
| RY582-B      | 10FC-RY582-B-006012-D | 7/20/2010   | FD          | 6           | 12        | in         | C200.7          | 10/15/2010    | COPPER        | 1.6           | Y           |               |              |           | 1.6           | mg/kg | 8.3    | mg/kg |
| RY582-B      | 10FC-RY582-B-006012-D | 7/20/2010   | FD          | 6           | 12        | in         | C200.7          | 10/15/2010    | VANADIUM      | 3.3           | Y           |               |              |           | 3.3           | mg/kg | 10     | mg/kg |
| RY582-B      | 10FC-RY582-B-006012-D | 7/20/2010   | FD          | 6           | 12        | in         | C200.7          | 10/15/2010    | ZINC          | 3.9           | Y           |               |              |           | 3.9           | mg/kg | 33     | mg/kg |
| RY582-B      | 10FC-RY582-B-006012-D | 7/20/2010   | FD          | 6           | 12        | in         | C200.7          | 10/15/2010    | CALCIUM       | 326           | Y           |               |              |           | 326           | mg/kg | 2030   | mg/kg |
| RY582-B      | 10FC-RY582-B-006012-D | 7/20/2010   | FD          | 6           | 12        | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.3           | Y           | J             |              | J         | 2.3           | mg/kg | 1.2    | mg/kg |
| RY583-A      | 10FC-RY583-A-000002   | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ALUMINUM      | 11.1          | Y           |               |              |           | 11.1          | mg/kg | 7430   | mg/kg |
| RY583-A      | 10FC-RY583-A-000002   | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | IRON          | 5.6           | Y           |               |              |           | 5.6           | mg/kg | 8250   | mg/kg |
| RY583-A      | 10FC-RY583-A-000002   | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | LEAD          | 0.56          | Y           |               |              |           | 0.56          | mg/kg | 30.6   | mg/kg |
| RY583-A      | 10FC-RY583-A-000002   | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 278           | Y           |               |              |           | 278           | mg/kg | 2100   | mg/kg |
| RY583-A      | 10FC-RY583-A-000002   | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | MANGANESE     | 0.83          | Y           |               |              |           | 0.83          | mg/kg | 333    | mg/kg |
| RY583-A      | 10FC-RY583-A-000002   | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | NICKEL        | 2.2           | Y           |               |              |           | 2.2           | mg/kg | 5.7    | mg/kg |
| RY583-A      | 10FC-RY583-A-000002   | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | POTASSIUM     | 278           | Y           |               |              |           | 278           | mg/kg | 1130   | mg/kg |
| RY583-A      | 10FC-RY583-A-000002   | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SILVER        | 0.56          | N           | U             |              | U         | 0.56          | mg/kg | 0.56   | mg/kg |

## Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY583-A      | 10FC-RY583-A-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SODIUM        | 278           | Y           | J             |              | J         | 278                 | mg/kg | 161    | mg/kg |
| RY583-A      | 10FC-RY583-A-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.4           | N           | U             |              | U         | 1.4                 | mg/kg | 1.4    | mg/kg |
| RY583-A      | 10FC-RY583-A-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ANTIMONY      | 3.3           | Y           | J             | J            | J         | 3.3                 | mg/kg | 2.2    | mg/kg |
| RY583-A      | 10FC-RY583-A-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.56          | Y           |               |              |           | 0.56                | mg/kg | 7.2    | mg/kg |
| RY583-A      | 10FC-RY583-A-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | BARIUM        | 11.1          | Y           |               |              |           | 11.1                | mg/kg | 136    | mg/kg |
| RY583-A      | 10FC-RY583-A-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.28          | Y           |               |              |           | 0.28                | mg/kg | 0.39   | mg/kg |
| RY583-A      | 10FC-RY583-A-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.28          | Y           | J             |              | J         | 0.28                | mg/kg | 0.12   | mg/kg |
| RY583-A      | 10FC-RY583-A-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.56          | Y           |               |              |           | 0.56                | mg/kg | 4.5    | mg/kg |
| RY583-A      | 10FC-RY583-A-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | COBALT        | 2.8           | Y           |               |              |           | 2.8                 | mg/kg | 4.5    | mg/kg |
| RY583-A      | 10FC-RY583-A-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | COPPER        | 1.4           | Y           |               |              |           | 1.4                 | mg/kg | 9.4    | mg/kg |
| RY583-A      | 10FC-RY583-A-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | VANADIUM      | 2.8           | Y           |               |              |           | 2.8                 | mg/kg | 10.7   | mg/kg |
| RY583-A      | 10FC-RY583-A-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ZINC          | 3.3           | Y           |               |              |           | 3.3                 | mg/kg | 33     | mg/kg |
| RY583-A      | 10FC-RY583-A-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CALCIUM       | 278           | Y           |               |              |           | 278                 | mg/kg | 2140   | mg/kg |
| RY583-A      | 10FC-RY583-A-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SELENIUM      | 1.9           | Y           | J             |              | J         | 1.9                 | mg/kg | 1.1    | mg/kg |
| RY583-A      | 10FC-RY583-A-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ALUMINUM      | 12.4          | Y           |               |              |           | 12.4                | mg/kg | 7640   | mg/kg |
| RY583-A      | 10FC-RY583-A-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | IRON          | 6.2           | Y           |               |              |           | 6.2                 | mg/kg | 8590   | mg/kg |
| RY583-A      | 10FC-RY583-A-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | LEAD          | 0.62          | Y           |               |              |           | 0.62                | mg/kg | 41.8   | mg/kg |
| RY583-A      | 10FC-RY583-A-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 309           | Y           |               |              |           | 309                 | mg/kg | 2440   | mg/kg |
| RY583-A      | 10FC-RY583-A-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | MANGANESE     | 0.93          | Y           |               |              |           | 0.93                | mg/kg | 339    | mg/kg |
| RY583-A      | 10FC-RY583-A-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | NICKEL        | 2.5           | Y           |               |              |           | 2.5                 | mg/kg | 6.2    | mg/kg |
| RY583-A      | 10FC-RY583-A-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | POTASSIUM     | 309           | Y           |               |              |           | 309                 | mg/kg | 1160   | mg/kg |
| RY583-A      | 10FC-RY583-A-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SILVER        | 0.62          | N           | U             |              | U         | 0.62                | mg/kg | 0.62   | mg/kg |
| RY583-A      | 10FC-RY583-A-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SODIUM        | 309           | Y           | J             |              | J         | 309                 | mg/kg | 174    | mg/kg |
| RY583-A      | 10FC-RY583-A-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.5           | N           | U             |              | U         | 1.5                 | mg/kg | 1.5    | mg/kg |
| RY583-A      | 10FC-RY583-A-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ANTIMONY      | 3.7           | Y           | J             | J            | J         | 3.7                 | mg/kg | 2      | mg/kg |
| RY583-A      | 10FC-RY583-A-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.62          | Y           |               |              |           | 0.62                | mg/kg | 10.1   | mg/kg |
| RY583-A      | 10FC-RY583-A-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | BARIUM        | 12.4          | Y           |               |              |           | 12.4                | mg/kg | 136    | mg/kg |
| RY583-A      | 10FC-RY583-A-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.31          | Y           |               |              |           | 0.31                | mg/kg | 0.41   | mg/kg |
| RY583-A      | 10FC-RY583-A-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.31          | Y           | J             |              | J         | 0.31                | mg/kg | 0.12   | mg/kg |
| RY583-A      | 10FC-RY583-A-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.62          | Y           |               |              |           | 0.62                | mg/kg | 5.1    | mg/kg |
| RY583-A      | 10FC-RY583-A-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | COBALT        | 3.1           | Y           |               |              |           | 3.1                 | mg/kg | 4.7    | mg/kg |
| RY583-A      | 10FC-RY583-A-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | COPPER        | 1.5           | Y           |               |              |           | 1.5                 | mg/kg | 9.4    | mg/kg |
| RY583-A      | 10FC-RY583-A-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | VANADIUM      | 3.1           | Y           |               |              |           | 3.1                 | mg/kg | 10.6   | mg/kg |
| RY583-A      | 10FC-RY583-A-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ZINC          | 3.7           | Y           |               |              |           | 3.7                 | mg/kg | 34.7   | mg/kg |
| RY583-A      | 10FC-RY583-A-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CALCIUM       | 309           | Y           |               |              |           | 309                 | mg/kg | 2260   | mg/kg |
| RY583-A      | 10FC-RY583-A-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.2           | Y           | J             |              | J         | 2.2                 | mg/kg | 1.2    | mg/kg |
| RY583-A      | 10FC-RY583-A-006012 | 8/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ALUMINUM      | 13.4          | Y           |               |              |           | 13.4                | mg/kg | 8020   | mg/kg |
| RY583-A      | 10FC-RY583-A-006012 | 8/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | IRON          | 6.7           | Y           |               |              |           | 6.7                 | mg/kg | 9160   | mg/kg |
| RY583-A      | 10FC-RY583-A-006012 | 8/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | LEAD          | 0.67          | Y           |               |              |           | 0.67                | mg/kg | 23.9   | mg/kg |
| RY583-A      | 10FC-RY583-A-006012 | 8/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 336           | Y           |               |              |           | 336                 | mg/kg | 2370   | mg/kg |
| RY583-A      | 10FC-RY583-A-006012 | 8/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | MANGANESE     | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 357    | mg/kg |
| RY583-A      | 10FC-RY583-A-006012 | 8/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | NICKEL        | 2.7           | Y           |               |              |           | 2.7                 | mg/kg | 6.3    | mg/kg |
| RY583-A      | 10FC-RY583-A-006012 | 8/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | POTASSIUM     | 336           | Y           |               |              |           | 336                 | mg/kg | 1270   | mg/kg |
| RY583-A      | 10FC-RY583-A-006012 | 8/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SILVER        | 0.67          | N           | U             |              | U         | 0.67                | mg/kg | 0.67   | mg/kg |
| RY583-A      | 10FC-RY583-A-006012 | 8/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SODIUM        | 336           | Y           | J             |              | J         | 336                 | mg/kg | 208    | mg/kg |
| RY583-A      | 10FC-RY583-A-006012 | 8/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.7           | N           | U             |              | U         | 1.7                 | mg/kg | 1.7    | mg/kg |
| RY583-A      | 10FC-RY583-A-006012 | 8/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ANTIMONY      | 4.0           | Y           | J             | J            | J         | 4.0                 | mg/kg | 1.3    | mg/kg |
| RY583-A      | 10FC-RY583-A-006012 | 8/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.67          | Y           |               |              |           | 0.67                | mg/kg | 9      | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY583-A      | 10FC-RY583-A-006012 | 8/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | BARIUM        | 13.4                | Y           |               |              |           | 13.4                | mg/kg | 149    | mg/kg |
| RY583-A      | 10FC-RY583-A-006012 | 8/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.34                | Y           |               |              |           | 0.34                | mg/kg | 0.41   | mg/kg |
| RY583-A      | 10FC-RY583-A-006012 | 8/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.34                | Y           | J             |              | J         | 0.34                | mg/kg | 0.13   | mg/kg |
| RY583-A      | 10FC-RY583-A-006012 | 8/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.67                | Y           |               |              |           | 0.67                | mg/kg | 5.1    | mg/kg |
| RY583-A      | 10FC-RY583-A-006012 | 8/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | COBALT        | 3.4                 | Y           |               |              |           | 3.4                 | mg/kg | 5      | mg/kg |
| RY583-A      | 10FC-RY583-A-006012 | 8/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | COPPER        | 1.7                 | Y           |               |              |           | 1.7                 | mg/kg | 11.2   | mg/kg |
| RY583-A      | 10FC-RY583-A-006012 | 8/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | VANADIUM      | 3.4                 | Y           |               |              |           | 3.4                 | mg/kg | 11.1   | mg/kg |
| RY583-A      | 10FC-RY583-A-006012 | 8/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ZINC          | 4.0                 | Y           |               |              |           | 4.0                 | mg/kg | 36.8   | mg/kg |
| RY583-A      | 10FC-RY583-A-006012 | 8/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CALCIUM       | 336                 | Y           |               |              |           | 336                 | mg/kg | 2710   | mg/kg |
| RY583-A      | 10FC-RY583-A-006012 | 8/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.3                 | Y           | J             |              | J         | 2.3                 | mg/kg | 1.2    | mg/kg |
| RY583-B      | 10FC-RY583-B-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ALUMINUM      | 11.6                | Y           |               |              |           | 11.6                | mg/kg | 7820   | mg/kg |
| RY583-B      | 10FC-RY583-B-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | IRON          | 5.8                 | Y           |               |              |           | 5.8                 | mg/kg | 7770   | mg/kg |
| RY583-B      | 10FC-RY583-B-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | LEAD          | 0.58                | Y           |               |              |           | 0.58                | mg/kg | 6.3    | mg/kg |
| RY583-B      | 10FC-RY583-B-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 290                 | Y           |               |              |           | 290                 | mg/kg | 2100   | mg/kg |
| RY583-B      | 10FC-RY583-B-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | MANGANESE     | 0.87                | Y           |               |              |           | 0.87                | mg/kg | 380    | mg/kg |
| RY583-B      | 10FC-RY583-B-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | NICKEL        | 2.3                 | Y           |               |              |           | 2.3                 | mg/kg | 5.5    | mg/kg |
| RY583-B      | 10FC-RY583-B-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | POTASSIUM     | 290                 | Y           |               |              |           | 290                 | mg/kg | 1170   | mg/kg |
| RY583-B      | 10FC-RY583-B-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SILVER        | 0.58                | N           | U             |              | U         | 0.58                | mg/kg | 0.58   | mg/kg |
| RY583-B      | 10FC-RY583-B-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SODIUM        | 290                 | Y           | J             |              | J         | 290                 | mg/kg | 156    | mg/kg |
| RY583-B      | 10FC-RY583-B-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.5                 | N           | U             |              | U         | 1.5                 | mg/kg | 1.5    | mg/kg |
| RY583-B      | 10FC-RY583-B-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ANTIMONY      | 3.5                 | Y           | J             | J            | J         | 3.5                 | mg/kg | 0.34   | mg/kg |
| RY583-B      | 10FC-RY583-B-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.58                | Y           |               |              |           | 0.58                | mg/kg | 2.3    | mg/kg |
| RY583-B      | 10FC-RY583-B-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | BARIUM        | 11.6                | Y           |               |              |           | 11.6                | mg/kg | 148    | mg/kg |
| RY583-B      | 10FC-RY583-B-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.29                | Y           |               |              |           | 0.29                | mg/kg | 0.39   | mg/kg |
| RY583-B      | 10FC-RY583-B-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.29                | Y           | J             |              | J         | 0.29                | mg/kg | 0.01   | mg/kg |
| RY583-B      | 10FC-RY583-B-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.58                | Y           |               |              |           | 0.58                | mg/kg | 4.8    | mg/kg |
| RY583-B      | 10FC-RY583-B-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | COBALT        | 2.9                 | Y           |               |              |           | 2.9                 | mg/kg | 4.1    | mg/kg |
| RY583-B      | 10FC-RY583-B-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | COPPER        | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 6.4    | mg/kg |
| RY583-B      | 10FC-RY583-B-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | VANADIUM      | 2.9                 | Y           |               |              |           | 2.9                 | mg/kg | 9.1    | mg/kg |
| RY583-B      | 10FC-RY583-B-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ZINC          | 3.5                 | Y           |               |              |           | 3.5                 | mg/kg | 26.2   | mg/kg |
| RY583-B      | 10FC-RY583-B-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CALCIUM       | 290                 | Y           |               |              |           | 290                 | mg/kg | 1730   | mg/kg |
| RY583-B      | 10FC-RY583-B-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.0                 | Y           | J             |              | J         | 2.0                 | mg/kg | 1.3    | mg/kg |
| RY583-B      | 10FC-RY583-B-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ALUMINUM      | 11.5                | Y           |               |              |           | 11.5                | mg/kg | 8010   | mg/kg |
| RY583-B      | 10FC-RY583-B-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | IRON          | 5.8                 | Y           |               |              |           | 5.8                 | mg/kg | 7920   | mg/kg |
| RY583-B      | 10FC-RY583-B-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | LEAD          | 0.58                | Y           |               |              |           | 0.58                | mg/kg | 6.5    | mg/kg |
| RY583-B      | 10FC-RY583-B-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 288                 | Y           |               |              |           | 288                 | mg/kg | 2290   | mg/kg |
| RY583-B      | 10FC-RY583-B-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | MANGANESE     | 0.87                | Y           |               |              |           | 0.87                | mg/kg | 293    | mg/kg |
| RY583-B      | 10FC-RY583-B-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | NICKEL        | 2.3                 | Y           |               |              |           | 2.3                 | mg/kg | 5.8    | mg/kg |
| RY583-B      | 10FC-RY583-B-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | POTASSIUM     | 288                 | Y           |               |              |           | 288                 | mg/kg | 1250   | mg/kg |
| RY583-B      | 10FC-RY583-B-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SILVER        | 0.58                | N           | U             |              | U         | 0.58                | mg/kg | 0.58   | mg/kg |
| RY583-B      | 10FC-RY583-B-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SODIUM        | 288                 | Y           | J             |              | J         | 288                 | mg/kg | 173    | mg/kg |
| RY583-B      | 10FC-RY583-B-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.4                 | N           | U             |              | U         | 1.4                 | mg/kg | 1.4    | mg/kg |
| RY583-B      | 10FC-RY583-B-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ANTIMONY      | 3.5                 | Y           | J             | J            | J         | 3.5                 | mg/kg | 0.23   | mg/kg |
| RY583-B      | 10FC-RY583-B-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.58                | Y           |               |              |           | 0.58                | mg/kg | 2.3    | mg/kg |
| RY583-B      | 10FC-RY583-B-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | BARIUM        | 11.5                | Y           |               |              |           | 11.5                | mg/kg | 139    | mg/kg |
| RY583-B      | 10FC-RY583-B-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.29                | Y           |               |              |           | 0.29                | mg/kg | 0.41   | mg/kg |
| RY583-B      | 10FC-RY583-B-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.29                | Y           | J             |              | J         | 0.29                | mg/kg | 0.02   | mg/kg |
| RY583-B      | 10FC-RY583-B-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.58                | Y           |               |              |           | 0.58                | mg/kg | 5.1    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY583-B      | 10FC-RY583-B-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | COBALT        | 2.9                 | Y           |               |              |           | 2.9                 | mg/kg | 4.2    | mg/kg |
| RY583-B      | 10FC-RY583-B-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | COPPER        | 1.4                 | Y           |               |              |           | 1.4                 | mg/kg | 6.1    | mg/kg |
| RY583-B      | 10FC-RY583-B-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | VANADIUM      | 2.9                 | Y           |               |              |           | 2.9                 | mg/kg | 9.5    | mg/kg |
| RY583-B      | 10FC-RY583-B-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ZINC          | 3.5                 | Y           |               |              |           | 3.5                 | mg/kg | 28.3   | mg/kg |
| RY583-B      | 10FC-RY583-B-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CALCIUM       | 288                 | Y           |               |              |           | 288                 | mg/kg | 1600   | mg/kg |
| RY583-B      | 10FC-RY583-B-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.0                 | Y           | J             |              | J         | 2.0                 | mg/kg | 1.2    | mg/kg |
| RY583-B      | 10FC-RY583-B-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ALUMINUM      | 11.5                | Y           |               |              |           | 11.5                | mg/kg | 7780   | mg/kg |
| RY583-B      | 10FC-RY583-B-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | IRON          | 5.7                 | Y           |               |              |           | 5.7                 | mg/kg | 7870   | mg/kg |
| RY583-B      | 10FC-RY583-B-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | LEAD          | 0.57                | Y           |               |              |           | 0.57                | mg/kg | 6.2    | mg/kg |
| RY583-B      | 10FC-RY583-B-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 286                 | Y           |               |              |           | 286                 | mg/kg | 2150   | mg/kg |
| RY583-B      | 10FC-RY583-B-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | MANGANESE     | 0.86                | Y           |               |              |           | 0.86                | mg/kg | 321    | mg/kg |
| RY583-B      | 10FC-RY583-B-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | NICKEL        | 2.3                 | Y           |               |              |           | 2.3                 | mg/kg | 5.8    | mg/kg |
| RY583-B      | 10FC-RY583-B-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | POTASSIUM     | 286                 | Y           |               |              |           | 286                 | mg/kg | 1170   | mg/kg |
| RY583-B      | 10FC-RY583-B-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SILVER        | 0.57                | N           | U             |              | U         | 0.57                | mg/kg | 0.57   | mg/kg |
| RY583-B      | 10FC-RY583-B-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SODIUM        | 286                 | Y           | J             |              | J         | 286                 | mg/kg | 141    | mg/kg |
| RY583-B      | 10FC-RY583-B-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.4                 | N           | U             |              | U         | 1.4                 | mg/kg | 1.4    | mg/kg |
| RY583-B      | 10FC-RY583-B-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ANTIMONY      | 3.4                 | Y           | J             | J            | J         | 3.4                 | mg/kg | 0.29   | mg/kg |
| RY583-B      | 10FC-RY583-B-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.57                | Y           |               |              |           | 0.57                | mg/kg | 2.2    | mg/kg |
| RY583-B      | 10FC-RY583-B-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | BARIUM        | 11.5                | Y           |               |              |           | 11.5                | mg/kg | 139    | mg/kg |
| RY583-B      | 10FC-RY583-B-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.29                | Y           |               |              |           | 0.29                | mg/kg | 0.39   | mg/kg |
| RY583-B      | 10FC-RY583-B-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.29                | N           | U             |              | U         | 0.29                | mg/kg | 0.29   | mg/kg |
| RY583-B      | 10FC-RY583-B-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.57                | Y           |               |              |           | 0.57                | mg/kg | 5.1    | mg/kg |
| RY583-B      | 10FC-RY583-B-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | COBALT        | 2.9                 | Y           |               |              |           | 2.9                 | mg/kg | 4.4    | mg/kg |
| RY583-B      | 10FC-RY583-B-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | COPPER        | 1.4                 | Y           |               |              |           | 1.4                 | mg/kg | 5.9    | mg/kg |
| RY583-B      | 10FC-RY583-B-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | VANADIUM      | 2.9                 | Y           |               |              |           | 2.9                 | mg/kg | 9.1    | mg/kg |
| RY583-B      | 10FC-RY583-B-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ZINC          | 3.4                 | Y           |               |              |           | 3.4                 | mg/kg | 26.9   | mg/kg |
| RY583-B      | 10FC-RY583-B-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CALCIUM       | 286                 | Y           |               |              |           | 286                 | mg/kg | 1550   | mg/kg |
| RY583-B      | 10FC-RY583-B-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.0                 | Y           | J             |              | J         | 2.0                 | mg/kg | 1.2    | mg/kg |
| RY583-C      | 10FC-RY583-C-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ALUMINUM      | 12.0                | Y           |               |              |           | 12.0                | mg/kg | 8950   | mg/kg |
| RY583-C      | 10FC-RY583-C-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | IRON          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 9410   | mg/kg |
| RY583-C      | 10FC-RY583-C-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | LEAD          | 0.60                | Y           |               |              |           | 0.60                | mg/kg | 8.3    | mg/kg |
| RY583-C      | 10FC-RY583-C-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 300                 | Y           |               |              |           | 300                 | mg/kg | 2520   | mg/kg |
| RY583-C      | 10FC-RY583-C-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | MANGANESE     | 0.90                | Y           |               |              |           | 0.90                | mg/kg | 533    | mg/kg |
| RY583-C      | 10FC-RY583-C-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | NICKEL        | 2.4                 | Y           |               |              |           | 2.4                 | mg/kg | 7.1    | mg/kg |
| RY583-C      | 10FC-RY583-C-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | POTASSIUM     | 300                 | Y           |               |              |           | 300                 | mg/kg | 1410   | mg/kg |
| RY485-F      | 10FC-RY485-F-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | SILVER        | 0.80                | N           | U             |              | U         | 0.80                | mg/kg | 0.8    | mg/kg |
| RY485-F      | 10FC-RY485-F-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | SODIUM        | 400                 | Y           | U             | 500U         | J         | 400                 | mg/kg | 500    | mg/kg |
| RY485-F      | 10FC-RY485-F-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | THALLIUM      | 2.0                 | N           | U             |              | U         | 2.0                 | mg/kg | 2      | mg/kg |
| RY485-F      | 10FC-RY485-F-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | ANTIMONY      | 4.8                 | Y           | J             |              | J         | 4.8                 | mg/kg | 3.6    | mg/kg |
| RY485-F      | 10FC-RY485-F-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | ARSENIC       | 0.80                | Y           |               |              |           | 0.80                | mg/kg | 25.1   | mg/kg |
| RY485-F      | 10FC-RY485-F-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | BARIUM        | 16.0                | Y           |               |              |           | 16.0                | mg/kg | 112    | mg/kg |
| RY485-F      | 10FC-RY485-F-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | BERYLLIUM     | 0.40                | Y           | J             |              | J         | 0.40                | mg/kg | 0.39   | mg/kg |
| RY485-F      | 10FC-RY485-F-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | CADMIUM       | 0.40                | Y           | J             |              | J         | 0.40                | mg/kg | 0.33   | mg/kg |
| RY485-F      | 10FC-RY485-F-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | CHROMIUM      | 0.80                | Y           |               |              |           | 0.80                | mg/kg | 35.4   | mg/kg |
| RY485-F      | 10FC-RY485-F-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | COBALT        | 4.0                 | Y           |               |              |           | 4.0                 | mg/kg | 5.3    | mg/kg |
| RY485-F      | 10FC-RY485-F-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | COPPER        | 2.0                 | Y           |               |              |           | 2.0                 | mg/kg | 40.6   | mg/kg |
| RY485-F      | 10FC-RY485-F-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | VANADIUM      | 4.0                 | Y           |               |              |           | 4.0                 | mg/kg | 12.3   | mg/kg |
| RY485-F      | 10FC-RY485-F-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | ZINC          | 4.8                 | Y           |               |              |           | 4.8                 | mg/kg | 81.4   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY485-F      | 10FC-RY485-F-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | CALCIUM       | 400           | Y           |               |              |           | 400           | mg/kg | 1820   | mg/kg |
| RY485-F      | 10FC-RY485-F-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | SELENIUM      | 2.8           | N           | U             |              | U         | 2.8           | mg/kg | 2.8    | mg/kg |
| RY486-B      | 10FC-RY486-B-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | ALUMINUM      | 20.1          | Y           |               |              |           | 20.1          | mg/kg | 8730   | mg/kg |
| RY486-B      | 10FC-RY486-B-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | IRON          | 10.0          | Y           |               |              |           | 10.0          | mg/kg | 12100  | mg/kg |
| RY486-B      | 10FC-RY486-B-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | LEAD          | 1.0           | Y           |               |              |           | 1.0           | mg/kg | 277    | mg/kg |
| RY486-B      | 10FC-RY486-B-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | MAGNESIUM     | 501           | Y           |               |              |           | 501           | mg/kg | 3240   | mg/kg |
| RY486-B      | 10FC-RY486-B-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | MANGANESE     | 1.5           | Y           |               |              |           | 1.5           | mg/kg | 397    | mg/kg |
| RY486-B      | 10FC-RY486-B-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | NICKEL        | 4.0           | Y           |               |              |           | 4.0           | mg/kg | 9.1    | mg/kg |
| RY486-B      | 10FC-RY486-B-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | POTASSIUM     | 501           | Y           |               |              |           | 501           | mg/kg | 1640   | mg/kg |
| RY486-B      | 10FC-RY486-B-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | SILVER        | 1.0           | N           | U             |              | U         | 1.0           | mg/kg | 1      | mg/kg |
| RY486-B      | 10FC-RY486-B-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | SODIUM        | 501           | Y           | U             | 500U         | J         | 501           | mg/kg | 500    | mg/kg |
| RY486-B      | 10FC-RY486-B-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5           | mg/kg | 2.5    | mg/kg |
| RY486-B      | 10FC-RY486-B-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | ANTIMONY      | 6.0           | Y           |               |              |           | 6.0           | mg/kg | 10     | mg/kg |
| RY486-B      | 10FC-RY486-B-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | ARSENIC       | 1.0           | Y           |               |              |           | 1.0           | mg/kg | 5.2    | mg/kg |
| RY486-B      | 10FC-RY486-B-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | BARIUM        | 20.1          | Y           |               |              |           | 20.1          | mg/kg | 176    | mg/kg |
| RY486-B      | 10FC-RY486-B-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | BERYLLIUM     | 0.50          | Y           | J             |              | J         | 0.50          | mg/kg | 0.48   | mg/kg |
| RY486-B      | 10FC-RY486-B-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | CADMIUM       | 0.50          | Y           |               |              |           | 0.50          | mg/kg | 0.96   | mg/kg |
| RY486-B      | 10FC-RY486-B-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | CHROMIUM      | 1.0           | Y           |               |              |           | 1.0           | mg/kg | 16.2   | mg/kg |
| RY486-B      | 10FC-RY486-B-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | COBALT        | 5.0           | Y           |               |              |           | 5.0           | mg/kg | 5.8    | mg/kg |
| RY486-B      | 10FC-RY486-B-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | COPPER        | 2.5           | Y           |               |              |           | 2.5           | mg/kg | 293    | mg/kg |
| RY486-B      | 10FC-RY486-B-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | VANADIUM      | 5.0           | Y           |               |              |           | 5.0           | mg/kg | 16.3   | mg/kg |
| RY486-B      | 10FC-RY486-B-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | ZINC          | 6.0           | Y           |               |              |           | 6.0           | mg/kg | 244    | mg/kg |
| RY486-B      | 10FC-RY486-B-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | CALCIUM       | 501           | Y           |               |              |           | 501           | mg/kg | 5090   | mg/kg |
| RY486-B      | 10FC-RY486-B-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | SELENIUM      | 3.5           | N           | U             |              | U         | 3.5           | mg/kg | 3.5    | mg/kg |
| RY486-B      | 10FC-RY486-B-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | ALUMINUM      | 19.9          | Y           |               |              |           | 19.9          | mg/kg | 7120   | mg/kg |
| RY486-B      | 10FC-RY486-B-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | IRON          | 9.9           | Y           |               |              |           | 9.9           | mg/kg | 11400  | mg/kg |
| RY486-B      | 10FC-RY486-B-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | LEAD          | 0.99          | Y           |               |              |           | 0.99          | mg/kg | 95.5   | mg/kg |
| RY486-B      | 10FC-RY486-B-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | MAGNESIUM     | 497           | Y           |               |              |           | 497           | mg/kg | 2920   | mg/kg |
| RY486-B      | 10FC-RY486-B-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | MANGANESE     | 1.5           | Y           |               |              |           | 1.5           | mg/kg | 327    | mg/kg |
| RY486-B      | 10FC-RY486-B-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | NICKEL        | 4.0           | Y           |               |              |           | 4.0           | mg/kg | 7.7    | mg/kg |
| RY486-B      | 10FC-RY486-B-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | POTASSIUM     | 497           | Y           |               |              |           | 497           | mg/kg | 1240   | mg/kg |
| RY486-B      | 10FC-RY486-B-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | SILVER        | 0.99          | N           | U             |              | U         | 0.99          | mg/kg | 0.99   | mg/kg |
| RY486-B      | 10FC-RY486-B-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | SODIUM        | 497           | Y           | U             | 500U         | J         | 497           | mg/kg | 500    | mg/kg |
| RY486-B      | 10FC-RY486-B-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5           | mg/kg | 2.5    | mg/kg |
| RY486-B      | 10FC-RY486-B-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | ANTIMONY      | 6.0           | Y           | J             |              | J         | 6.0           | mg/kg | 3.7    | mg/kg |
| RY486-B      | 10FC-RY486-B-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | ARSENIC       | 0.99          | Y           |               |              |           | 0.99          | mg/kg | 4.1    | mg/kg |
| RY486-B      | 10FC-RY486-B-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | BARIUM        | 19.9          | Y           |               |              |           | 19.9          | mg/kg | 135    | mg/kg |
| RY486-B      | 10FC-RY486-B-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | BERYLLIUM     | 0.50          | Y           | J             |              | J         | 0.50          | mg/kg | 0.4    | mg/kg |
| RY486-B      | 10FC-RY486-B-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | CADMIUM       | 0.50          | Y           |               |              |           | 0.50          | mg/kg | 0.59   | mg/kg |
| RY486-B      | 10FC-RY486-B-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | CHROMIUM      | 0.99          | Y           |               |              |           | 0.99          | mg/kg | 9.1    | mg/kg |
| RY486-B      | 10FC-RY486-B-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | COBALT        | 5.0           | Y           |               |              |           | 5.0           | mg/kg | 5.2    | mg/kg |
| RY486-B      | 10FC-RY486-B-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | COPPER        | 2.5           | Y           |               |              |           | 2.5           | mg/kg | 276    | mg/kg |
| RY486-B      | 10FC-RY486-B-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | VANADIUM      | 5.0           | Y           |               |              |           | 5.0           | mg/kg | 14.3   | mg/kg |
| RY486-B      | 10FC-RY486-B-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | ZINC          | 6.0           | Y           |               |              |           | 6.0           | mg/kg | 173    | mg/kg |
| RY486-B      | 10FC-RY486-B-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | CALCIUM       | 497           | Y           |               |              |           | 497           | mg/kg | 3480   | mg/kg |
| RY486-B      | 10FC-RY486-B-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | SELENIUM      | 3.5           | N           | U             |              | U         | 3.5           | mg/kg | 3.5    | mg/kg |
| RY506-A      | 10FC-RY506-A-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | ALUMINUM      | 16.4          | Y           |               |              |           | 16.4          | mg/kg | 6430   | mg/kg |
| RY506-A      | 10FC-RY506-A-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | IRON          | 8.2           | Y           |               |              |           | 8.2           | mg/kg | 13100  | mg/kg |



## Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY506-A      | 10FC-RY506-A-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | LEAD          | 0.82          | Y           |               |              |           | 0.82                | mg/kg | 469    | mg/kg |
| RY506-A      | 10FC-RY506-A-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | MAGNESIUM     | 409           | Y           |               |              |           | 409                 | mg/kg | 3300   | mg/kg |
| RY506-A      | 10FC-RY506-A-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | MANGANESE     | 1.2           | Y           |               |              |           | 1.2                 | mg/kg | 280    | mg/kg |
| RY506-A      | 10FC-RY506-A-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | NICKEL        | 3.3           | Y           |               |              |           | 3.3                 | mg/kg | 9.5    | mg/kg |
| RY506-A      | 10FC-RY506-A-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | POTASSIUM     | 409           | Y           |               |              |           | 409                 | mg/kg | 1240   | mg/kg |
| RY506-A      | 10FC-RY506-A-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | SILVER        | 0.82          | Y           |               |              |           | 0.82                | mg/kg | 1.4    | mg/kg |
| RY506-A      | 10FC-RY506-A-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | SODIUM        | 409           | Y           | U             | 500U         | J         | 409                 | mg/kg | 500    | mg/kg |
| RY506-A      | 10FC-RY506-A-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | THALLIUM      | 2.0           | N           | U             |              | U         | 2.0                 | mg/kg | 2      | mg/kg |
| RY506-A      | 10FC-RY506-A-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | ANTIMONY      | 4.9           | Y           |               |              |           | 4.9                 | mg/kg | 58.6   | mg/kg |
| RY506-A      | 10FC-RY506-A-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | ARSENIC       | 0.82          | Y           |               |              |           | 0.82                | mg/kg | 36.5   | mg/kg |
| RY506-A      | 10FC-RY506-A-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | BARIUM        | 16.4          | Y           |               |              |           | 16.4                | mg/kg | 244    | mg/kg |
| RY506-A      | 10FC-RY506-A-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | BERYLLIUM     | 0.41          | Y           |               |              |           | 0.41                | mg/kg | 0.55   | mg/kg |
| RY506-A      | 10FC-RY506-A-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | CADMIUM       | 0.41          | Y           |               |              |           | 0.41                | mg/kg | 5.4    | mg/kg |
| RY506-A      | 10FC-RY506-A-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | CHROMIUM      | 0.82          | Y           |               |              |           | 0.82                | mg/kg | 26.1   | mg/kg |
| RY506-A      | 10FC-RY506-A-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | COBALT        | 4.1           | Y           |               |              |           | 4.1                 | mg/kg | 6.7    | mg/kg |
| RY506-A      | 10FC-RY506-A-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | COPPER        | 2.0           | Y           |               |              |           | 2.0                 | mg/kg | 1190   | mg/kg |
| RY506-A      | 10FC-RY506-A-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | VANADIUM      | 4.1           | Y           |               |              |           | 4.1                 | mg/kg | 12.1   | mg/kg |
| RY506-A      | 10FC-RY506-A-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | ZINC          | 4.9           | Y           |               |              |           | 4.9                 | mg/kg | 1080   | mg/kg |
| RY506-A      | 10FC-RY506-A-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | CALCIUM       | 409           | Y           |               |              |           | 409                 | mg/kg | 10100  | mg/kg |
| RY506-A      | 10FC-RY506-A-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | SELENIUM      | 2.9           | N           | U             |              | U         | 2.9                 | mg/kg | 2.9    | mg/kg |
| RY506-A      | 10FC-RY506-A-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | ALUMINUM      | 19.2          | Y           |               |              |           | 19.2                | mg/kg | 6780   | mg/kg |
| RY506-A      | 10FC-RY506-A-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | IRON          | 9.6           | Y           |               |              |           | 9.6                 | mg/kg | 11200  | mg/kg |
| RY506-A      | 10FC-RY506-A-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | LEAD          | 0.96          | Y           |               |              |           | 0.96                | mg/kg | 374    | mg/kg |
| RY506-A      | 10FC-RY506-A-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | MAGNESIUM     | 481           | Y           |               |              |           | 481                 | mg/kg | 3080   | mg/kg |
| RY506-A      | 10FC-RY506-A-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | MANGANESE     | 1.4           | Y           |               |              |           | 1.4                 | mg/kg | 308    | mg/kg |
| RY506-A      | 10FC-RY506-A-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | NICKEL        | 3.8           | Y           |               |              |           | 3.8                 | mg/kg | 7.6    | mg/kg |
| RY506-A      | 10FC-RY506-A-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | POTASSIUM     | 481           | Y           |               |              |           | 481                 | mg/kg | 1320   | mg/kg |
| RY506-A      | 10FC-RY506-A-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | SILVER        | 0.96          | Y           | J             |              | J         | 0.96                | mg/kg | 0.5    | mg/kg |
| RY506-A      | 10FC-RY506-A-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | SODIUM        | 481           | Y           | U             | 500U         | J         | 481                 | mg/kg | 500    | mg/kg |
| RY506-A      | 10FC-RY506-A-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | THALLIUM      | 2.4           | N           | U             |              | U         | 2.4                 | mg/kg | 2.4    | mg/kg |
| RY506-A      | 10FC-RY506-A-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | ANTIMONY      | 5.8           | Y           |               |              |           | 5.8                 | mg/kg | 61.6   | mg/kg |
| RY506-A      | 10FC-RY506-A-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | ARSENIC       | 0.96          | Y           |               |              |           | 0.96                | mg/kg | 22.6   | mg/kg |
| RY506-A      | 10FC-RY506-A-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | BARIUM        | 19.2          | Y           |               |              |           | 19.2                | mg/kg | 169    | mg/kg |
| RY506-A      | 10FC-RY506-A-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | BERYLLIUM     | 0.48          | Y           |               |              |           | 0.48                | mg/kg | 0.49   | mg/kg |
| RY506-A      | 10FC-RY506-A-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | CADMIUM       | 0.48          | Y           |               |              |           | 0.48                | mg/kg | 4.9    | mg/kg |
| RY506-A      | 10FC-RY506-A-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | CHROMIUM      | 0.96          | Y           |               |              |           | 0.96                | mg/kg | 9.3    | mg/kg |
| RY506-A      | 10FC-RY506-A-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | COBALT        | 4.8           | Y           |               |              |           | 4.8                 | mg/kg | 4.9    | mg/kg |
| RY506-A      | 10FC-RY506-A-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | COPPER        | 2.4           | Y           |               |              |           | 2.4                 | mg/kg | 27.7   | mg/kg |
| RY506-A      | 10FC-RY506-A-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | VANADIUM      | 4.8           | Y           |               |              |           | 4.8                 | mg/kg | 13.1   | mg/kg |
| RY506-A      | 10FC-RY506-A-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | ZINC          | 5.8           | Y           |               |              |           | 5.8                 | mg/kg | 1140   | mg/kg |
| RY506-A      | 10FC-RY506-A-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | CALCIUM       | 481           | Y           |               |              |           | 481                 | mg/kg | 7740   | mg/kg |
| RY506-A      | 10FC-RY506-A-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | SELENIUM      | 3.4           | N           | U             |              | U         | 3.4                 | mg/kg | 3.4    | mg/kg |
| RY506-A      | 10FC-RY506-A-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | ALUMINUM      | 15.4          | Y           |               |              |           | 15.4                | mg/kg | 7330   | mg/kg |
| RY506-A      | 10FC-RY506-A-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | IRON          | 7.7           | Y           |               |              |           | 7.7                 | mg/kg | 11100  | mg/kg |
| RY506-A      | 10FC-RY506-A-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | LEAD          | 0.77          | Y           |               |              |           | 0.77                | mg/kg | 423    | mg/kg |
| RY506-A      | 10FC-RY506-A-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | MAGNESIUM     | 385           | Y           |               |              |           | 385                 | mg/kg | 2700   | mg/kg |
| RY506-A      | 10FC-RY506-A-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | MANGANESE     | 1.2           | Y           |               |              |           | 1.2                 | mg/kg | 291    | mg/kg |
| RY506-A      | 10FC-RY506-A-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | NICKEL        | 3.1           | Y           |               |              |           | 3.1                 | mg/kg | 8.4    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY506-A      | 10FC-RY506-A-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | POTASSIUM     | 385           | Y           |               |              |           | 385                 | mg/kg | 1250   | mg/kg |
| RY506-A      | 10FC-RY506-A-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | SILVER        | 0.77          | Y           |               |              |           | 0.77                | mg/kg | 0.98   | mg/kg |
| RY506-A      | 10FC-RY506-A-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | SODIUM        | 385           | Y           | U             | 500U         | J         | 385                 | mg/kg | 500    | mg/kg |
| RY506-A      | 10FC-RY506-A-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | THALLIUM      | 1.9           | N           | U             |              | U         | 1.9                 | mg/kg | 1.9    | mg/kg |
| RY506-A      | 10FC-RY506-A-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | ANTIMONY      | 4.6           | Y           |               |              |           | 4.6                 | mg/kg | 74.6   | mg/kg |
| RY506-A      | 10FC-RY506-A-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | ARSENIC       | 0.77          | Y           |               |              |           | 0.77                | mg/kg | 33.7   | mg/kg |
| RY506-A      | 10FC-RY506-A-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | BARIUM        | 15.4          | Y           |               |              |           | 15.4                | mg/kg | 165    | mg/kg |
| RY506-A      | 10FC-RY506-A-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | BERYLLIUM     | 0.38          | Y           |               |              |           | 0.38                | mg/kg | 0.48   | mg/kg |
| RY506-A      | 10FC-RY506-A-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | CADMIUM       | 0.38          | Y           |               |              |           | 0.38                | mg/kg | 4.6    | mg/kg |
| RY506-A      | 10FC-RY506-A-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | CHROMIUM      | 0.77          | Y           |               |              |           | 0.77                | mg/kg | 14.4   | mg/kg |
| RY506-A      | 10FC-RY506-A-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | COBALT        | 3.8           | Y           |               |              |           | 3.8                 | mg/kg | 6.2    | mg/kg |
| RY506-A      | 10FC-RY506-A-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | COPPER        | 1.9           | Y           |               |              |           | 1.9                 | mg/kg | 26.6   | mg/kg |
| RY506-A      | 10FC-RY506-A-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | VANADIUM      | 3.8           | Y           |               |              |           | 3.8                 | mg/kg | 12.5   | mg/kg |
| RY506-A      | 10FC-RY506-A-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | ZINC          | 4.6           | Y           |               |              |           | 4.6                 | mg/kg | 1020   | mg/kg |
| RY506-A      | 10FC-RY506-A-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | CALCIUM       | 385           | Y           |               |              |           | 385                 | mg/kg | 9030   | mg/kg |
| RY506-A      | 10FC-RY506-A-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | SELENIUM      | 2.7           | N           | U             |              | U         | 2.7                 | mg/kg | 2.7    | mg/kg |
| RY506-C      | 10FC-RY506-C-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | ALUMINUM      | 15.7          | Y           |               |              |           | 15.7                | mg/kg | 6740   | mg/kg |
| RY506-C      | 10FC-RY506-C-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | IRON          | 7.9           | Y           |               |              |           | 7.9                 | mg/kg | 11100  | mg/kg |
| RY506-C      | 10FC-RY506-C-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | LEAD          | 0.79          | Y           |               |              |           | 0.79                | mg/kg | 295    | mg/kg |
| RY506-C      | 10FC-RY506-C-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | MAGNESIUM     | 393           | Y           |               |              |           | 393                 | mg/kg | 2980   | mg/kg |
| RY506-C      | 10FC-RY506-C-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | MANGANESE     | 1.2           | Y           |               |              |           | 1.2                 | mg/kg | 293    | mg/kg |
| RY506-C      | 10FC-RY506-C-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | NICKEL        | 3.1           | Y           |               |              |           | 3.1                 | mg/kg | 7.5    | mg/kg |
| RY506-C      | 10FC-RY506-C-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | POTASSIUM     | 393           | Y           |               |              |           | 393                 | mg/kg | 1400   | mg/kg |
| RY506-C      | 10FC-RY506-C-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | SILVER        | 0.79          | Y           |               |              |           | 0.79                | mg/kg | 1.3    | mg/kg |
| RY506-C      | 10FC-RY506-C-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | SODIUM        | 393           | Y           | U             | 500U         | J         | 393                 | mg/kg | 500    | mg/kg |
| RY506-C      | 10FC-RY506-C-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | THALLIUM      | 2.0           | N           | U             |              | U         | 2.0                 | mg/kg | 2      | mg/kg |
| RY506-C      | 10FC-RY506-C-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | ANTIMONY      | 4.7           | Y           |               |              |           | 4.7                 | mg/kg | 38.2   | mg/kg |
| RY506-C      | 10FC-RY506-C-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | ARSENIC       | 0.79          | Y           |               |              |           | 0.79                | mg/kg | 19.6   | mg/kg |
| RY506-C      | 10FC-RY506-C-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | BARIUM        | 15.7          | Y           |               |              |           | 15.7                | mg/kg | 115    | mg/kg |
| RY506-C      | 10FC-RY506-C-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | BERYLLIUM     | 0.39          | Y           |               |              |           | 0.39                | mg/kg | 0.43   | mg/kg |
| RY506-C      | 10FC-RY506-C-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | CADMIUM       | 0.39          | Y           |               |              |           | 0.39                | mg/kg | 2.2    | mg/kg |
| RY506-C      | 10FC-RY506-C-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | CHROMIUM      | 0.79          | Y           |               |              |           | 0.79                | mg/kg | 7.6    | mg/kg |
| RY506-C      | 10FC-RY506-C-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | COBALT        | 3.9           | Y           |               |              |           | 3.9                 | mg/kg | 5      | mg/kg |
| RY506-C      | 10FC-RY506-C-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | COPPER        | 2.0           | Y           |               |              |           | 2.0                 | mg/kg | 22.8   | mg/kg |
| RY506-C      | 10FC-RY506-C-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | VANADIUM      | 3.9           | Y           |               |              |           | 3.9                 | mg/kg | 14.1   | mg/kg |
| RY506-C      | 10FC-RY506-C-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | ZINC          | 4.7           | Y           |               |              |           | 4.7                 | mg/kg | 556    | mg/kg |
| RY506-C      | 10FC-RY506-C-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | CALCIUM       | 393           | Y           |               |              |           | 393                 | mg/kg | 2330   | mg/kg |
| RY506-C      | 10FC-RY506-C-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | SELENIUM      | 2.7           | N           | U             |              | U         | 2.7                 | mg/kg | 2.7    | mg/kg |
| RY506-C      | 10FC-RY506-C-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | ALUMINUM      | 20.9          | Y           |               |              |           | 20.9                | mg/kg | 7150   | mg/kg |
| RY506-C      | 10FC-RY506-C-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | IRON          | 10.4          | Y           |               |              |           | 10.4                | mg/kg | 11900  | mg/kg |
| RY506-C      | 10FC-RY506-C-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | LEAD          | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 371    | mg/kg |
| RY506-C      | 10FC-RY506-C-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | MAGNESIUM     | 522           | Y           |               |              |           | 522                 | mg/kg | 3000   | mg/kg |
| RY506-C      | 10FC-RY506-C-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | MANGANESE     | 1.6           | Y           |               |              |           | 1.6                 | mg/kg | 323    | mg/kg |
| RY506-C      | 10FC-RY506-C-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | NICKEL        | 4.2           | Y           |               |              |           | 4.2                 | mg/kg | 7.3    | mg/kg |
| RY506-C      | 10FC-RY506-C-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | POTASSIUM     | 522           | Y           |               |              |           | 522                 | mg/kg | 1490   | mg/kg |
| RY506-C      | 10FC-RY506-C-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | SILVER        | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 2.1    | mg/kg |
| RY506-C      | 10FC-RY506-C-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | SODIUM        | 522           | Y           | U             | 500U         | J         | 522                 | mg/kg | 500    | mg/kg |
| RY506-C      | 10FC-RY506-C-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | THALLIUM      | 2.6           | N           | U             |              | U         | 2.6                 | mg/kg | 2.6    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code       | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-----------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY506-C      | 10FC-RY506-C-002006   | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | ANTIMONY      | 6.3                 | Y           |               |              |           | 6.3                 | mg/kg | 46.3   | mg/kg |
| RY506-C      | 10FC-RY506-C-002006   | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | ARSENIC       | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 26.1   | mg/kg |
| RY506-C      | 10FC-RY506-C-002006   | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | BARIUM        | 20.9                | Y           |               |              |           | 20.9                | mg/kg | 125    | mg/kg |
| RY506-C      | 10FC-RY506-C-002006   | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | BERYLLIUM     | 0.52                | Y           | J             |              | J         | 0.52                | mg/kg | 0.43   | mg/kg |
| RY506-C      | 10FC-RY506-C-002006   | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | CADMIUM       | 0.52                | Y           |               |              |           | 0.52                | mg/kg | 2.7    | mg/kg |
| RY506-C      | 10FC-RY506-C-002006   | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | CHROMIUM      | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 7.6    | mg/kg |
| RY506-C      | 10FC-RY506-C-002006   | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | COBALT        | 5.2                 | Y           | J             |              | J         | 5.2                 | mg/kg | 4.9    | mg/kg |
| RY506-C      | 10FC-RY506-C-002006   | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | COPPER        | 2.6                 | Y           |               |              |           | 2.6                 | mg/kg | 23.8   | mg/kg |
| RY506-C      | 10FC-RY506-C-002006   | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | VANADIUM      | 5.2                 | Y           |               |              |           | 5.2                 | mg/kg | 14.5   | mg/kg |
| RY506-C      | 10FC-RY506-C-002006   | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | ZINC          | 6.3                 | Y           |               |              |           | 6.3                 | mg/kg | 412    | mg/kg |
| RY506-C      | 10FC-RY506-C-002006   | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | CALCIUM       | 522                 | Y           |               |              |           | 522                 | mg/kg | 2470   | mg/kg |
| RY506-C      | 10FC-RY506-C-002006   | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | SELENIUM      | 3.7                 | N           | U             |              | U         | 3.7                 | mg/kg | 3.7    | mg/kg |
| RY506-C      | 10FC-RY506-C-006012   | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | ALUMINUM      | 19.8                | Y           |               |              |           | 19.8                | mg/kg | 7060   | mg/kg |
| RY506-C      | 10FC-RY506-C-006012   | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | IRON          | 9.9                 | Y           |               |              |           | 9.9                 | mg/kg | 11400  | mg/kg |
| RY506-C      | 10FC-RY506-C-006012   | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | LEAD          | 0.99                | Y           |               |              |           | 0.99                | mg/kg | 315    | mg/kg |
| RY506-C      | 10FC-RY506-C-006012   | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | MAGNESIUM     | 494                 | Y           |               |              |           | 494                 | mg/kg | 2970   | mg/kg |
| RY506-C      | 10FC-RY506-C-006012   | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 319    | mg/kg |
| RY506-C      | 10FC-RY506-C-006012   | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | NICKEL        | 4.0                 | Y           |               |              |           | 4.0                 | mg/kg | 7.1    | mg/kg |
| RY506-C      | 10FC-RY506-C-006012   | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | POTASSIUM     | 494                 | Y           |               |              |           | 494                 | mg/kg | 1450   | mg/kg |
| RY506-C      | 10FC-RY506-C-006012   | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | SILVER        | 0.99                | Y           |               |              |           | 0.99                | mg/kg | 1.5    | mg/kg |
| RY506-C      | 10FC-RY506-C-006012   | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | SODIUM        | 494                 | Y           | U             | 500U         | J         | 494                 | mg/kg | 500    | mg/kg |
| RY506-C      | 10FC-RY506-C-006012   | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.5    | mg/kg |
| RY506-C      | 10FC-RY506-C-006012   | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | ANTIMONY      | 5.9                 | Y           |               |              |           | 5.9                 | mg/kg | 41.6   | mg/kg |
| RY506-C      | 10FC-RY506-C-006012   | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | ARSENIC       | 0.99                | Y           |               |              |           | 0.99                | mg/kg | 21.4   | mg/kg |
| RY506-C      | 10FC-RY506-C-006012   | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | BARIUM        | 19.8                | Y           |               |              |           | 19.8                | mg/kg | 124    | mg/kg |
| RY506-C      | 10FC-RY506-C-006012   | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | BERYLLIUM     | 0.49                | Y           | J             |              | J         | 0.49                | mg/kg | 0.48   | mg/kg |
| RY506-C      | 10FC-RY506-C-006012   | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | CADMIUM       | 0.49                | Y           |               |              |           | 0.49                | mg/kg | 2.1    | mg/kg |
| RY506-C      | 10FC-RY506-C-006012   | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | CHROMIUM      | 0.99                | Y           |               |              |           | 0.99                | mg/kg | 7.6    | mg/kg |
| RY506-C      | 10FC-RY506-C-006012   | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | COBALT        | 4.9                 | Y           | J             |              | J         | 4.9                 | mg/kg | 4.8    | mg/kg |
| RY506-C      | 10FC-RY506-C-006012   | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 19.9   | mg/kg |
| RY506-C      | 10FC-RY506-C-006012   | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | VANADIUM      | 4.9                 | Y           |               |              |           | 4.9                 | mg/kg | 14.2   | mg/kg |
| RY506-C      | 10FC-RY506-C-006012   | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | ZINC          | 5.9                 | Y           |               |              |           | 5.9                 | mg/kg | 439    | mg/kg |
| RY506-C      | 10FC-RY506-C-006012   | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | CALCIUM       | 494                 | Y           |               |              |           | 494                 | mg/kg | 2230   | mg/kg |
| RY506-C      | 10FC-RY506-C-006012   | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.5    | mg/kg |
| RY506-C      | 10FC-RY506-C-006012-D | 7/27/2010   | FD          | 6           | 12        | in         | C200.7          | 9/24/2010     | ALUMINUM      | 20.1                | Y           |               |              |           | 20.1                | mg/kg | 6880   | mg/kg |
| RY506-C      | 10FC-RY506-C-006012-D | 7/27/2010   | FD          | 6           | 12        | in         | C200.7          | 9/24/2010     | IRON          | 10.1                | Y           |               |              |           | 10.1                | mg/kg | 11400  | mg/kg |
| RY506-C      | 10FC-RY506-C-006012-D | 7/27/2010   | FD          | 6           | 12        | in         | C200.7          | 9/24/2010     | LEAD          | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 305    | mg/kg |
| RY506-C      | 10FC-RY506-C-006012-D | 7/27/2010   | FD          | 6           | 12        | in         | C200.7          | 9/24/2010     | MAGNESIUM     | 503                 | Y           |               |              |           | 503                 | mg/kg | 2940   | mg/kg |
| RY506-C      | 10FC-RY506-C-006012-D | 7/27/2010   | FD          | 6           | 12        | in         | C200.7          | 9/24/2010     | MANGANESE     | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 300    | mg/kg |
| RY506-C      | 10FC-RY506-C-006012-D | 7/27/2010   | FD          | 6           | 12        | in         | C200.7          | 9/24/2010     | NICKEL        | 4.0                 | Y           |               |              |           | 4.0                 | mg/kg | 7      | mg/kg |
| RY506-C      | 10FC-RY506-C-006012-D | 7/27/2010   | FD          | 6           | 12        | in         | C200.7          | 9/24/2010     | POTASSIUM     | 503                 | Y           |               |              |           | 503                 | mg/kg | 1430   | mg/kg |
| RY506-C      | 10FC-RY506-C-006012-D | 7/27/2010   | FD          | 6           | 12        | in         | C200.7          | 9/24/2010     | SILVER        | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 1.5    | mg/kg |
| RY506-C      | 10FC-RY506-C-006012-D | 7/27/2010   | FD          | 6           | 12        | in         | C200.7          | 9/24/2010     | SODIUM        | 503                 | Y           | U             | 500U         | J         | 503                 | mg/kg | 500    | mg/kg |
| RY506-C      | 10FC-RY506-C-006012-D | 7/27/2010   | FD          | 6           | 12        | in         | C200.7          | 9/24/2010     | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.5    | mg/kg |
| RY506-C      | 10FC-RY506-C-006012-D | 7/27/2010   | FD          | 6           | 12        | in         | C200.7          | 9/24/2010     | ANTIMONY      | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 38.9   | mg/kg |
| RY506-C      | 10FC-RY506-C-006012-D | 7/27/2010   | FD          | 6           | 12        | in         | C200.7          | 9/24/2010     | ARSENIC       | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 22.2   | mg/kg |
| RY506-C      | 10FC-RY506-C-006012-D | 7/27/2010   | FD          | 6           | 12        | in         | C200.7          | 9/24/2010     | BARIUM        | 20.1                | Y           |               |              |           | 20.1                | mg/kg | 110    | mg/kg |
| RY506-C      | 10FC-RY506-C-006012-D | 7/27/2010   | FD          | 6           | 12        | in         | C200.7          | 9/24/2010     | BERYLLIUM     | 0.50                | Y           | J             |              | J         | 0.50                | mg/kg | 0.44   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code       | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-----------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY506-C      | 10FC-RY506-C-006012-D | 7/27/2010   | FD          | 6           | 12        | in         | C200.7          | 9/24/2010     | CADMIUM       | 0.50                | Y           |               |              |           | 0.50                | mg/kg | 2      | mg/kg |
| RY506-C      | 10FC-RY506-C-006012-D | 7/27/2010   | FD          | 6           | 12        | in         | C200.7          | 9/24/2010     | CHROMIUM      | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 7.5    | mg/kg |
| RY506-C      | 10FC-RY506-C-006012-D | 7/27/2010   | FD          | 6           | 12        | in         | C200.7          | 9/24/2010     | COBALT        | 5.0                 | Y           | J             |              | J         | 5.0                 | mg/kg | 4.8    | mg/kg |
| RY506-C      | 10FC-RY506-C-006012-D | 7/27/2010   | FD          | 6           | 12        | in         | C200.7          | 9/24/2010     | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 22.6   | mg/kg |
| RY506-C      | 10FC-RY506-C-006012-D | 7/27/2010   | FD          | 6           | 12        | in         | C200.7          | 9/24/2010     | VANADIUM      | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 14.4   | mg/kg |
| RY506-C      | 10FC-RY506-C-006012-D | 7/27/2010   | FD          | 6           | 12        | in         | C200.7          | 9/24/2010     | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 358    | mg/kg |
| RY506-C      | 10FC-RY506-C-006012-D | 7/27/2010   | FD          | 6           | 12        | in         | C200.7          | 9/24/2010     | CALCIUM       | 503                 | Y           |               |              |           | 503                 | mg/kg | 2200   | mg/kg |
| RY506-C      | 10FC-RY506-C-006012-D | 7/27/2010   | FD          | 6           | 12        | in         | C200.7          | 9/24/2010     | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.5    | mg/kg |
| RY506-D      | 10FC-RY506-D-000002   | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | ALUMINUM      | 13.8                | Y           |               |              |           | 13.8                | mg/kg | 4890   | mg/kg |
| RY506-D      | 10FC-RY506-D-000002   | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | IRON          | 6.9                 | Y           |               |              |           | 6.9                 | mg/kg | 13400  | mg/kg |
| RY506-D      | 10FC-RY506-D-000002   | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | LEAD          | 0.69                | Y           |               |              |           | 0.69                | mg/kg | 1170   | mg/kg |
| RY506-D      | 10FC-RY506-D-000002   | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | MAGNESIUM     | 345                 | Y           |               |              |           | 345                 | mg/kg | 2530   | mg/kg |
| RY506-D      | 10FC-RY506-D-000002   | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | MANGANESE     | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 463    | mg/kg |
| RY506-D      | 10FC-RY506-D-000002   | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | NICKEL        | 2.8                 | Y           |               |              |           | 2.8                 | mg/kg | 8.1    | mg/kg |
| RY506-D      | 10FC-RY506-D-000002   | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | POTASSIUM     | 345                 | Y           |               |              |           | 345                 | mg/kg | 877    | mg/kg |
| RY506-D      | 10FC-RY506-D-000002   | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | SILVER        | 0.69                | Y           |               |              |           | 0.69                | mg/kg | 3.5    | mg/kg |
| RY506-D      | 10FC-RY506-D-000002   | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | SODIUM        | 345                 | Y           | U             | 500U         | J         | 345                 | mg/kg | 500    | mg/kg |
| RY506-D      | 10FC-RY506-D-000002   | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | THALLIUM      | 1.7                 | N           | U             |              | U         | 1.7                 | mg/kg | 1.7    | mg/kg |
| RY506-D      | 10FC-RY506-D-000002   | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | ANTIMONY      | 4.1                 | Y           |               |              |           | 4.1                 | mg/kg | 231    | mg/kg |
| RY506-D      | 10FC-RY506-D-000002   | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | ARSENIC       | 0.69                | Y           |               |              |           | 0.69                | mg/kg | 72.2   | mg/kg |
| RY506-D      | 10FC-RY506-D-000002   | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | BARIUM        | 13.8                | Y           |               |              |           | 13.8                | mg/kg | 201    | mg/kg |
| RY506-D      | 10FC-RY506-D-000002   | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | BERYLLIUM     | 0.34                | Y           |               |              |           | 0.34                | mg/kg | 0.42   | mg/kg |
| RY506-D      | 10FC-RY506-D-000002   | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | CADMIUM       | 0.34                | Y           |               |              |           | 0.34                | mg/kg | 8.8    | mg/kg |
| RY506-D      | 10FC-RY506-D-000002   | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | CHROMIUM      | 0.69                | Y           |               |              |           | 0.69                | mg/kg | 9.5    | mg/kg |
| RY506-D      | 10FC-RY506-D-000002   | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | COBALT        | 3.4                 | Y           |               |              |           | 3.4                 | mg/kg | 4      | mg/kg |
| RY506-D      | 10FC-RY506-D-000002   | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | COPPER        | 1.7                 | Y           |               |              |           | 1.7                 | mg/kg | 141    | mg/kg |
| RY506-D      | 10FC-RY506-D-000002   | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | VANADIUM      | 3.4                 | Y           |               |              |           | 3.4                 | mg/kg | 11.3   | mg/kg |
| RY506-D      | 10FC-RY506-D-000002   | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | ZINC          | 4.1                 | Y           |               |              |           | 4.1                 | mg/kg | 1660   | mg/kg |
| RY506-D      | 10FC-RY506-D-000002   | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | CALCIUM       | 345                 | Y           |               |              |           | 345                 | mg/kg | 5300   | mg/kg |
| RY506-D      | 10FC-RY506-D-000002   | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | SELENIUM      | 2.4                 | N           | U             |              | U         | 2.4                 | mg/kg | 2.4    | mg/kg |
| RY506-D      | 10FC-RY506-D-002006   | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | ALUMINUM      | 14.8                | Y           |               |              |           | 14.8                | mg/kg | 4290   | mg/kg |
| RY506-D      | 10FC-RY506-D-002006   | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | IRON          | 7.4                 | Y           |               |              |           | 7.4                 | mg/kg | 11100  | mg/kg |
| RY506-D      | 10FC-RY506-D-002006   | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | LEAD          | 0.74                | Y           |               |              |           | 0.74                | mg/kg | 2190   | mg/kg |
| RY506-D      | 10FC-RY506-D-002006   | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | MAGNESIUM     | 371                 | Y           |               |              |           | 371                 | mg/kg | 2110   | mg/kg |
| RY506-D      | 10FC-RY506-D-002006   | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | MANGANESE     | 1.1                 | Y           |               |              |           | 1.1                 | mg/kg | 399    | mg/kg |
| RY506-D      | 10FC-RY506-D-002006   | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | NICKEL        | 3.0                 | Y           |               |              |           | 3.0                 | mg/kg | 6.5    | mg/kg |
| RY506-D      | 10FC-RY506-D-002006   | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | POTASSIUM     | 371                 | Y           |               |              |           | 371                 | mg/kg | 701    | mg/kg |
| RY506-D      | 10FC-RY506-D-002006   | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | SILVER        | 0.74                | Y           |               |              |           | 0.74                | mg/kg | 8.7    | mg/kg |
| RY506-D      | 10FC-RY506-D-002006   | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | SODIUM        | 371                 | Y           | U             | 500U         | J         | 371                 | mg/kg | 500    | mg/kg |
| RY506-D      | 10FC-RY506-D-002006   | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | THALLIUM      | 1.9                 | N           | U             |              | U         | 1.9                 | mg/kg | 1.9    | mg/kg |
| RY506-D      | 10FC-RY506-D-002006   | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | ANTIMONY      | 4.5                 | Y           |               |              |           | 4.5                 | mg/kg | 535    | mg/kg |
| RY506-D      | 10FC-RY506-D-002006   | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | ARSENIC       | 0.74                | Y           |               |              |           | 0.74                | mg/kg | 115    | mg/kg |
| RY506-D      | 10FC-RY506-D-002006   | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | BARIUM        | 14.8                | Y           |               |              |           | 14.8                | mg/kg | 159    | mg/kg |
| RY506-D      | 10FC-RY506-D-002006   | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | BERYLLIUM     | 0.37                | Y           | J             |              | J         | 0.37                | mg/kg | 0.33   | mg/kg |
| RY506-D      | 10FC-RY506-D-002006   | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | CADMIUM       | 0.37                | Y           |               |              |           | 0.37                | mg/kg | 6.9    | mg/kg |
| RY506-D      | 10FC-RY506-D-002006   | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | CHROMIUM      | 0.74                | Y           |               |              |           | 0.74                | mg/kg | 7.2    | mg/kg |
| RY506-D      | 10FC-RY506-D-002006   | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | COBALT        | 3.7                 | Y           | J             |              | J         | 3.7                 | mg/kg | 3      | mg/kg |
| RY506-D      | 10FC-RY506-D-002006   | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | COPPER        | 1.9                 | Y           |               |              |           | 1.9                 | mg/kg | 170    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY506-D      | 10FC-RY506-D-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | VANADIUM      | 3.7           | Y           |               |              |           | 3.7                 | mg/kg | 9.4    | mg/kg |
| RY506-D      | 10FC-RY506-D-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | ZINC          | 4.5           | Y           |               |              |           | 4.5                 | mg/kg | 1330   | mg/kg |
| RY506-D      | 10FC-RY506-D-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | CALCIUM       | 371           | Y           |               |              |           | 371                 | mg/kg | 3800   | mg/kg |
| RY506-D      | 10FC-RY506-D-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | SELENIUM      | 2.6           | N           | U             |              | U         | 2.6                 | mg/kg | 2.6    | mg/kg |
| RY506-D      | 10FC-RY506-D-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | ALUMINUM      | 17.4          | Y           |               |              |           | 17.4                | mg/kg | 4240   | mg/kg |
| RY506-D      | 10FC-RY506-D-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | IRON          | 8.7           | Y           |               |              |           | 8.7                 | mg/kg | 9990   | mg/kg |
| RY506-D      | 10FC-RY506-D-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | LEAD          | 0.87          | Y           |               |              |           | 0.87                | mg/kg | 760    | mg/kg |
| RY506-D      | 10FC-RY506-D-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | MAGNESIUM     | 435           | Y           |               |              |           | 435                 | mg/kg | 2130   | mg/kg |
| RY506-D      | 10FC-RY506-D-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | MANGANESE     | 1.3           | Y           |               |              |           | 1.3                 | mg/kg | 455    | mg/kg |
| RY506-D      | 10FC-RY506-D-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | NICKEL        | 3.5           | Y           |               |              |           | 3.5                 | mg/kg | 6.5    | mg/kg |
| RY506-D      | 10FC-RY506-D-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | POTASSIUM     | 435           | Y           |               |              |           | 435                 | mg/kg | 742    | mg/kg |
| RY506-D      | 10FC-RY506-D-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | SILVER        | 0.87          | Y           |               |              |           | 0.87                | mg/kg | 2.2    | mg/kg |
| RY506-D      | 10FC-RY506-D-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | SODIUM        | 435           | Y           | U             | 500U         | J         | 435                 | mg/kg | 500    | mg/kg |
| RY506-D      | 10FC-RY506-D-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | THALLIUM      | 2.2           | N           | U             |              | U         | 2.2                 | mg/kg | 2.2    | mg/kg |
| RY506-D      | 10FC-RY506-D-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | ANTIMONY      | 5.2           | Y           |               |              |           | 5.2                 | mg/kg | 141    | mg/kg |
| RY506-D      | 10FC-RY506-D-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | ARSENIC       | 0.87          | Y           |               |              |           | 0.87                | mg/kg | 49.5   | mg/kg |
| RY506-D      | 10FC-RY506-D-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | BARIUM        | 17.4          | Y           |               |              |           | 17.4                | mg/kg | 199    | mg/kg |
| RY506-D      | 10FC-RY506-D-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | BERYLLIUM     | 0.44          | Y           | J             |              | J         | 0.44                | mg/kg | 0.36   | mg/kg |
| RY506-D      | 10FC-RY506-D-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | CADMIUM       | 0.44          | Y           |               |              |           | 0.44                | mg/kg | 5.5    | mg/kg |
| RY506-D      | 10FC-RY506-D-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | CHROMIUM      | 0.87          | Y           |               |              |           | 0.87                | mg/kg | 6.6    | mg/kg |
| RY506-D      | 10FC-RY506-D-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | COBALT        | 4.4           | Y           | J             |              | J         | 4.4                 | mg/kg | 3.1    | mg/kg |
| RY506-D      | 10FC-RY506-D-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | COPPER        | 2.2           | Y           |               |              |           | 2.2                 | mg/kg | 104    | mg/kg |
| RY506-D      | 10FC-RY506-D-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | VANADIUM      | 4.4           | Y           |               |              |           | 4.4                 | mg/kg | 9.7    | mg/kg |
| RY506-D      | 10FC-RY506-D-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | ZINC          | 5.2           | Y           |               |              |           | 5.2                 | mg/kg | 1120   | mg/kg |
| RY506-D      | 10FC-RY506-D-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | CALCIUM       | 435           | Y           |               |              |           | 435                 | mg/kg | 3840   | mg/kg |
| RY506-D      | 10FC-RY506-D-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | SELENIUM      | 3.0           | N           | U             |              | U         | 3.0                 | mg/kg | 3      | mg/kg |
| RY506-E      | 10FC-RY506-E-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | ALUMINUM      | 15.6          | Y           |               |              |           | 15.6                | mg/kg | 5470   | mg/kg |
| RY506-E      | 10FC-RY506-E-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | IRON          | 7.8           | Y           |               |              |           | 7.8                 | mg/kg | 9710   | mg/kg |
| RY506-E      | 10FC-RY506-E-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | LEAD          | 0.78          | Y           |               |              |           | 0.78                | mg/kg | 126    | mg/kg |
| RY506-E      | 10FC-RY506-E-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | MAGNESIUM     | 389           | Y           |               |              |           | 389                 | mg/kg | 3450   | mg/kg |
| RY506-E      | 10FC-RY506-E-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | MANGANESE     | 1.2           | Y           |               |              |           | 1.2                 | mg/kg | 260    | mg/kg |
| RY506-E      | 10FC-RY506-E-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | NICKEL        | 3.1           | Y           |               |              |           | 3.1                 | mg/kg | 6.5    | mg/kg |
| RY506-E      | 10FC-RY506-E-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | POTASSIUM     | 389           | Y           |               |              |           | 389                 | mg/kg | 1040   | mg/kg |
| RY506-E      | 10FC-RY506-E-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | SILVER        | 0.78          | Y           | J             |              | J         | 0.78                | mg/kg | 0.17   | mg/kg |
| RY506-E      | 10FC-RY506-E-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | SODIUM        | 389           | Y           | U             | 500U         | J         | 389                 | mg/kg | 500    | mg/kg |
| RY506-E      | 10FC-RY506-E-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | THALLIUM      | 1.9           | N           | U             |              | U         | 1.9                 | mg/kg | 1.9    | mg/kg |
| RY506-E      | 10FC-RY506-E-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | ANTIMONY      | 4.7           | Y           |               |              |           | 4.7                 | mg/kg | 11.7   | mg/kg |
| RY506-E      | 10FC-RY506-E-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | ARSENIC       | 0.78          | Y           |               |              |           | 0.78                | mg/kg | 12.8   | mg/kg |
| RY506-E      | 10FC-RY506-E-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | BARIUM        | 15.6          | Y           |               |              |           | 15.6                | mg/kg | 127    | mg/kg |
| RY506-E      | 10FC-RY506-E-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | BERYLLIUM     | 0.39          | Y           | J             |              | J         | 0.39                | mg/kg | 0.38   | mg/kg |
| RY506-E      | 10FC-RY506-E-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | CADMIUM       | 0.39          | Y           |               |              |           | 0.39                | mg/kg | 1      | mg/kg |
| RY506-E      | 10FC-RY506-E-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | CHROMIUM      | 0.78          | Y           |               |              |           | 0.78                | mg/kg | 6.4    | mg/kg |
| RY506-E      | 10FC-RY506-E-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | COBALT        | 3.9           | Y           |               |              |           | 3.9                 | mg/kg | 4.5    | mg/kg |
| RY506-E      | 10FC-RY506-E-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | COPPER        | 1.9           | Y           |               |              |           | 1.9                 | mg/kg | 16.6   | mg/kg |
| RY506-E      | 10FC-RY506-E-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | VANADIUM      | 3.9           | Y           |               |              |           | 3.9                 | mg/kg | 12.7   | mg/kg |
| RY506-E      | 10FC-RY506-E-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | ZINC          | 4.7           | Y           |               |              |           | 4.7                 | mg/kg | 142    | mg/kg |
| RY506-E      | 10FC-RY506-E-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | CALCIUM       | 389           | Y           |               |              |           | 389                 | mg/kg | 6180   | mg/kg |
| RY506-E      | 10FC-RY506-E-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | SELENIUM      | 2.7           | N           | U             |              | U         | 2.7                 | mg/kg | 2.7    | mg/kg |

## Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY506-E      | 10FC-RY506-E-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | ALUMINUM      | 21.4          | Y           |               |              |           | 21.4                | mg/kg | 5770   | mg/kg |
| RY506-E      | 10FC-RY506-E-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | IRON          | 10.7          | Y           |               |              |           | 10.7                | mg/kg | 11100  | mg/kg |
| RY506-E      | 10FC-RY506-E-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | LEAD          | 1.1           | Y           |               |              |           | 1.1                 | mg/kg | 179    | mg/kg |
| RY506-E      | 10FC-RY506-E-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | MAGNESIUM     | 534           | Y           |               |              |           | 534                 | mg/kg | 3960   | mg/kg |
| RY506-E      | 10FC-RY506-E-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | MANGANESE     | 1.6           | Y           |               |              |           | 1.6                 | mg/kg | 264    | mg/kg |
| RY506-E      | 10FC-RY506-E-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | NICKEL        | 4.3           | Y           |               |              |           | 4.3                 | mg/kg | 6.9    | mg/kg |
| RY506-E      | 10FC-RY506-E-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | POTASSIUM     | 534           | Y           |               |              |           | 534                 | mg/kg | 1140   | mg/kg |
| RY506-E      | 10FC-RY506-E-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | SILVER        | 1.1           | Y           | J             |              | J         | 1.1                 | mg/kg | 0.55   | mg/kg |
| RY506-E      | 10FC-RY506-E-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | SODIUM        | 534           | Y           | U             | 500U         | J         | 534                 | mg/kg | 500    | mg/kg |
| RY506-E      | 10FC-RY506-E-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | THALLIUM      | 2.7           | N           | U             |              | U         | 2.7                 | mg/kg | 2.7    | mg/kg |
| RY506-E      | 10FC-RY506-E-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | ANTIMONY      | 6.4           | Y           |               |              |           | 6.4                 | mg/kg | 16.7   | mg/kg |
| RY506-E      | 10FC-RY506-E-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | ARSENIC       | 1.1           | Y           |               |              |           | 1.1                 | mg/kg | 15.9   | mg/kg |
| RY506-E      | 10FC-RY506-E-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | BARIUM        | 21.4          | Y           |               |              |           | 21.4                | mg/kg | 125    | mg/kg |
| RY506-E      | 10FC-RY506-E-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | BERYLLIUM     | 0.53          | Y           | J             |              | J         | 0.53                | mg/kg | 0.41   | mg/kg |
| RY506-E      | 10FC-RY506-E-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | CADMIUM       | 0.53          | Y           |               |              |           | 0.53                | mg/kg | 1.4    | mg/kg |
| RY506-E      | 10FC-RY506-E-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | CHROMIUM      | 1.1           | Y           |               |              |           | 1.1                 | mg/kg | 7.4    | mg/kg |
| RY506-E      | 10FC-RY506-E-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | COBALT        | 5.3           | Y           | J             |              | J         | 5.3                 | mg/kg | 4.9    | mg/kg |
| RY506-E      | 10FC-RY506-E-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | COPPER        | 2.7           | Y           |               |              |           | 2.7                 | mg/kg | 22.2   | mg/kg |
| RY506-E      | 10FC-RY506-E-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | VANADIUM      | 5.3           | Y           |               |              |           | 5.3                 | mg/kg | 14.6   | mg/kg |
| RY506-E      | 10FC-RY506-E-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | ZINC          | 6.4           | Y           |               |              |           | 6.4                 | mg/kg | 194    | mg/kg |
| RY506-E      | 10FC-RY506-E-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | CALCIUM       | 534           | Y           |               |              |           | 534                 | mg/kg | 7910   | mg/kg |
| RY506-E      | 10FC-RY506-E-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | SELENIUM      | 3.7           | N           | U             |              | U         | 3.7                 | mg/kg | 3.7    | mg/kg |
| RY506-E      | 10FC-RY506-E-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | ALUMINUM      | 14.2          | Y           |               |              |           | 14.2                | mg/kg | 5790   | mg/kg |
| RY506-E      | 10FC-RY506-E-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | IRON          | 7.1           | Y           |               |              |           | 7.1                 | mg/kg | 10700  | mg/kg |
| RY506-E      | 10FC-RY506-E-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | LEAD          | 0.71          | Y           |               |              |           | 0.71                | mg/kg | 128    | mg/kg |
| RY506-E      | 10FC-RY506-E-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | MAGNESIUM     | 355           | Y           |               |              |           | 355                 | mg/kg | 4150   | mg/kg |
| RY506-E      | 10FC-RY506-E-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | MANGANESE     | 1.1           | Y           |               |              |           | 1.1                 | mg/kg | 225    | mg/kg |
| RY506-E      | 10FC-RY506-E-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | NICKEL        | 2.8           | Y           |               |              |           | 2.8                 | mg/kg | 7.3    | mg/kg |
| RY506-E      | 10FC-RY506-E-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | POTASSIUM     | 355           | Y           |               |              |           | 355                 | mg/kg | 1140   | mg/kg |
| RY506-E      | 10FC-RY506-E-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | SILVER        | 0.71          | Y           | J             |              | J         | 0.71                | mg/kg | 0.09   | mg/kg |
| RY506-E      | 10FC-RY506-E-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | SODIUM        | 355           | Y           | U             | 500U         | J         | 355                 | mg/kg | 500    | mg/kg |
| RY506-E      | 10FC-RY506-E-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | THALLIUM      | 1.8           | N           | U             |              | U         | 1.8                 | mg/kg | 1.8    | mg/kg |
| RY506-E      | 10FC-RY506-E-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | ANTIMONY      | 4.3           | Y           |               |              |           | 4.3                 | mg/kg | 12     | mg/kg |
| RY506-E      | 10FC-RY506-E-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | ARSENIC       | 0.71          | Y           |               |              |           | 0.71                | mg/kg | 12.1   | mg/kg |
| RY506-E      | 10FC-RY506-E-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | BARIUM        | 14.2          | Y           |               |              |           | 14.2                | mg/kg | 122    | mg/kg |
| RY506-E      | 10FC-RY506-E-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | BERYLLIUM     | 0.36          | Y           |               |              |           | 0.36                | mg/kg | 0.45   | mg/kg |
| RY506-E      | 10FC-RY506-E-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | CADMIUM       | 0.36          | Y           |               |              |           | 0.36                | mg/kg | 1      | mg/kg |
| RY506-E      | 10FC-RY506-E-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | CHROMIUM      | 0.71          | Y           |               |              |           | 0.71                | mg/kg | 7.7    | mg/kg |
| RY506-E      | 10FC-RY506-E-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | COBALT        | 3.6           | Y           |               |              |           | 3.6                 | mg/kg | 5.1    | mg/kg |
| RY506-E      | 10FC-RY506-E-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | COPPER        | 1.8           | Y           |               |              |           | 1.8                 | mg/kg | 19.3   | mg/kg |
| RY506-E      | 10FC-RY506-E-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | VANADIUM      | 3.6           | Y           |               |              |           | 3.6                 | mg/kg | 13.9   | mg/kg |
| RY506-E      | 10FC-RY506-E-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | ZINC          | 4.3           | Y           |               |              |           | 4.3                 | mg/kg | 146    | mg/kg |
| RY506-E      | 10FC-RY506-E-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | CALCIUM       | 355           | Y           |               |              |           | 355                 | mg/kg | 8240   | mg/kg |
| RY506-E      | 10FC-RY506-E-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | SELENIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.5    | mg/kg |
| RY506-F      | 10FC-RY506-F-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | ALUMINUM      | 21.4          | Y           |               |              |           | 21.4                | mg/kg | 5510   | mg/kg |
| RY506-F      | 10FC-RY506-F-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | IRON          | 10.7          | Y           |               |              |           | 10.7                | mg/kg | 13300  | mg/kg |
| RY506-F      | 10FC-RY506-F-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | LEAD          | 1.1           | Y           |               |              |           | 1.1                 | mg/kg | 3790   | mg/kg |
| RY506-F      | 10FC-RY506-F-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | MAGNESIUM     | 534           | Y           |               |              |           | 534                 | mg/kg | 2210   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY506-F      | 10FC-RY506-F-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | MANGANESE     | 1.6                 | Y           |               |              |           | 1.6                 | mg/kg | 274    | mg/kg |
| RY506-F      | 10FC-RY506-F-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | NICKEL        | 4.3                 | Y           |               |              |           | 4.3                 | mg/kg | 7.7    | mg/kg |
| RY506-F      | 10FC-RY506-F-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | POTASSIUM     | 534                 | Y           |               |              |           | 534                 | mg/kg | 938    | mg/kg |
| RY506-F      | 10FC-RY506-F-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | SILVER        | 1.1                 | Y           |               |              |           | 1.1                 | mg/kg | 13.8   | mg/kg |
| RY506-F      | 10FC-RY506-F-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | SODIUM        | 534                 | Y           | U             | 500U         | J         | 534                 | mg/kg | 500    | mg/kg |
| RY506-F      | 10FC-RY506-F-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | THALLIUM      | 2.7                 | N           | U             |              | U         | 2.7                 | mg/kg | 2.7    | mg/kg |
| RY506-F      | 10FC-RY506-F-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | ANTIMONY      | 6.4                 | Y           |               |              |           | 6.4                 | mg/kg | 916    | mg/kg |
| RY506-F      | 10FC-RY506-F-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | ARSENIC       | 1.1                 | Y           |               |              |           | 1.1                 | mg/kg | 220    | mg/kg |
| RY506-F      | 10FC-RY506-F-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | BARIUM        | 21.4                | Y           |               |              |           | 21.4                | mg/kg | 197    | mg/kg |
| RY506-F      | 10FC-RY506-F-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | BERYLLIUM     | 0.53                | Y           |               |              |           | 0.53                | mg/kg | 0.59   | mg/kg |
| RY506-F      | 10FC-RY506-F-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | CADMIUM       | 0.53                | Y           |               |              |           | 0.53                | mg/kg | 33.9   | mg/kg |
| RY506-F      | 10FC-RY506-F-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | CHROMIUM      | 1.1                 | Y           |               |              |           | 1.1                 | mg/kg | 8.1    | mg/kg |
| RY506-F      | 10FC-RY506-F-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | COBALT        | 5.3                 | Y           | J             |              | J         | 5.3                 | mg/kg | 3.3    | mg/kg |
| RY506-F      | 10FC-RY506-F-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | COPPER        | 2.7                 | Y           |               |              |           | 2.7                 | mg/kg | 97.6   | mg/kg |
| RY506-F      | 10FC-RY506-F-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | VANADIUM      | 5.3                 | Y           |               |              |           | 5.3                 | mg/kg | 12.2   | mg/kg |
| RY506-F      | 10FC-RY506-F-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | CALCIUM       | 534                 | Y           |               |              |           | 534                 | mg/kg | 4710   | mg/kg |
| RY506-F      | 10FC-RY506-F-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | SELENIUM      | 3.7                 | N           | U             |              | U         | 3.7                 | mg/kg | 3.7    | mg/kg |
| RY506-F      | 10FC-RY506-F-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/27/2010     | ZINC          | 25.6                | Y           |               |              |           | 25.6                | mg/kg | 5520   | mg/kg |
| RY584-A      | 10FC-RY584-A-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ALUMINUM      | 21.4                | Y           |               |              |           | 21.4                | mg/kg | 8270   | mg/kg |
| RY584-A      | 10FC-RY584-A-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | IRON          | 10.7                | Y           |               |              |           | 10.7                | mg/kg | 9840   | mg/kg |
| RY584-A      | 10FC-RY584-A-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | LEAD          | 1.1                 | Y           | J             | J            |           | 1.1                 | mg/kg | 7.3    | mg/kg |
| RY584-A      | 10FC-RY584-A-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 534                 | Y           |               |              |           | 534                 | mg/kg | 2250   | mg/kg |
| RY584-A      | 10FC-RY584-A-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | MANGANESE     | 1.6                 | Y           |               |              |           | 1.6                 | mg/kg | 432    | mg/kg |
| RY584-A      | 10FC-RY584-A-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | NICKEL        | 4.3                 | Y           |               |              |           | 4.3                 | mg/kg | 6.8    | mg/kg |
| RY584-A      | 10FC-RY584-A-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | POTASSIUM     | 534                 | Y           |               |              |           | 534                 | mg/kg | 1160   | mg/kg |
| RY584-A      | 10FC-RY584-A-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SILVER        | 1.1                 | N           | UJ            | UJ           | U         | 1.1                 | mg/kg | 1.1    | mg/kg |
| RY584-A      | 10FC-RY584-A-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SODIUM        | 534                 | Y           | J             |              | J         | 534                 | mg/kg | 263    | mg/kg |
| RY584-A      | 10FC-RY584-A-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | THALLIUM      | 2.7                 | N           | U             |              | U         | 2.7                 | mg/kg | 2.7    | mg/kg |
| RY584-A      | 10FC-RY584-A-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ANTIMONY      | 6.4                 | Y           | J-            | J-           | J         | 6.4                 | mg/kg | 0.38   | mg/kg |
| RY584-A      | 10FC-RY584-A-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ARSENIC       | 1.1                 | Y           |               |              |           | 1.1                 | mg/kg | 2.3    | mg/kg |
| RY584-A      | 10FC-RY584-A-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | BARIUM        | 21.4                | Y           |               |              |           | 21.4                | mg/kg | 160    | mg/kg |
| RY584-A      | 10FC-RY584-A-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.53                | Y           | J             |              | J         | 0.53                | mg/kg | 0.42   | mg/kg |
| RY584-A      | 10FC-RY584-A-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.53                | Y           | J             |              | J         | 0.53                | mg/kg | 0.06   | mg/kg |
| RY584-A      | 10FC-RY584-A-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CHROMIUM      | 1.1                 | Y           |               |              |           | 1.1                 | mg/kg | 6.8    | mg/kg |
| RY584-A      | 10FC-RY584-A-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | COBALT        | 5.3                 | Y           | J             |              | J         | 5.3                 | mg/kg | 4.4    | mg/kg |
| RY584-A      | 10FC-RY584-A-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | COPPER        | 2.7                 | Y           |               |              |           | 2.7                 | mg/kg | 10     | mg/kg |
| RY584-A      | 10FC-RY584-A-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | VANADIUM      | 5.3                 | Y           |               |              |           | 5.3                 | mg/kg | 10.3   | mg/kg |
| RY584-A      | 10FC-RY584-A-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ZINC          | 6.4                 | Y           |               |              |           | 6.4                 | mg/kg | 27.1   | mg/kg |
| RY584-A      | 10FC-RY584-A-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CALCIUM       | 534                 | Y           |               |              |           | 534                 | mg/kg | 2290   | mg/kg |
| RY584-A      | 10FC-RY584-A-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SELENIUM      | 3.7                 | Y           | J             |              | J         | 3.7                 | mg/kg | 1.4    | mg/kg |
| RY584-B      | 10FC-RY584-B-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ALUMINUM      | 11.8                | Y           |               |              |           | 11.8                | mg/kg | 8360   | mg/kg |
| RY584-B      | 10FC-RY584-B-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | IRON          | 5.9                 | Y           |               |              |           | 5.9                 | mg/kg | 9600   | mg/kg |
| RY584-B      | 10FC-RY584-B-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | LEAD          | 0.59                | Y           | J             | J            |           | 0.59                | mg/kg | 8.4    | mg/kg |
| RY584-B      | 10FC-RY584-B-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 295                 | Y           |               |              |           | 295                 | mg/kg | 3630   | mg/kg |
| RY584-B      | 10FC-RY584-B-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | MANGANESE     | 0.88                | Y           |               |              |           | 0.88                | mg/kg | 384    | mg/kg |
| RY584-B      | 10FC-RY584-B-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | NICKEL        | 2.4                 | Y           |               |              |           | 2.4                 | mg/kg | 7.3    | mg/kg |
| RY584-B      | 10FC-RY584-B-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | POTASSIUM     | 295                 | Y           |               |              |           | 295                 | mg/kg | 1650   | mg/kg |
| RY584-B      | 10FC-RY584-B-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SILVER        | 0.59                | N           | UJ            | UJ           | U         | 0.59                | mg/kg | 0.59   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY584-B      | 10FC-RY584-B-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SODIUM        | 295           | Y           | J             |              | J         | 295                 | mg/kg | 211    | mg/kg |
| RY584-B      | 10FC-RY584-B-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.5           | N           | U             |              | U         | 1.5                 | mg/kg | 1.5    | mg/kg |
| RY584-B      | 10FC-RY584-B-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ANTIMONY      | 3.5           | Y           | J-            | J-           | J         | 3.5                 | mg/kg | 0.43   | mg/kg |
| RY584-B      | 10FC-RY584-B-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.59          | Y           |               |              |           | 0.59                | mg/kg | 2.6    | mg/kg |
| RY584-B      | 10FC-RY584-B-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | BARIUM        | 11.8          | Y           |               |              |           | 11.8                | mg/kg | 150    | mg/kg |
| RY584-B      | 10FC-RY584-B-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.29          | Y           |               |              |           | 0.29                | mg/kg | 0.44   | mg/kg |
| RY584-B      | 10FC-RY584-B-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.29          | Y           | J             |              | J         | 0.29                | mg/kg | 0.14   | mg/kg |
| RY584-B      | 10FC-RY584-B-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.59          | Y           |               |              |           | 0.59                | mg/kg | 7      | mg/kg |
| RY584-B      | 10FC-RY584-B-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | COBALT        | 2.9           | Y           |               |              |           | 2.9                 | mg/kg | 5      | mg/kg |
| RY584-B      | 10FC-RY584-B-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | COPPER        | 1.5           | Y           |               |              |           | 1.5                 | mg/kg | 9.8    | mg/kg |
| RY584-B      | 10FC-RY584-B-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | VANADIUM      | 2.9           | Y           |               |              |           | 2.9                 | mg/kg | 10.8   | mg/kg |
| RY584-B      | 10FC-RY584-B-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ZINC          | 3.5           | Y           |               |              |           | 3.5                 | mg/kg | 34.6   | mg/kg |
| RY584-B      | 10FC-RY584-B-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CALCIUM       | 295           | Y           |               |              |           | 295                 | mg/kg | 5050   | mg/kg |
| RY584-B      | 10FC-RY584-B-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.1           | Y           | J             |              | J         | 2.1                 | mg/kg | 1.5    | mg/kg |
| RY584-B      | 10FC-RY584-B-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ALUMINUM      | 12.9          | Y           |               |              |           | 12.9                | mg/kg | 9660   | mg/kg |
| RY584-B      | 10FC-RY584-B-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | IRON          | 6.5           | Y           |               |              |           | 6.5                 | mg/kg | 10100  | mg/kg |
| RY584-B      | 10FC-RY584-B-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | LEAD          | 0.65          | Y           | J             | J            |           | 0.65                | mg/kg | 8.2    | mg/kg |
| RY584-B      | 10FC-RY584-B-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 323           | Y           |               |              |           | 323                 | mg/kg | 2730   | mg/kg |
| RY584-B      | 10FC-RY584-B-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | MANGANESE     | 0.97          | Y           |               |              |           | 0.97                | mg/kg | 585    | mg/kg |
| RY584-B      | 10FC-RY584-B-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | NICKEL        | 2.6           | Y           |               |              |           | 2.6                 | mg/kg | 7.4    | mg/kg |
| RY584-B      | 10FC-RY584-B-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | POTASSIUM     | 323           | Y           |               |              |           | 323                 | mg/kg | 1560   | mg/kg |
| RY584-B      | 10FC-RY584-B-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SILVER        | 0.65          | N           | UJ            | UJ           | U         | 0.65                | mg/kg | 0.65   | mg/kg |
| RY584-B      | 10FC-RY584-B-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SODIUM        | 323           | Y           | J             |              | J         | 323                 | mg/kg | 257    | mg/kg |
| RY584-B      | 10FC-RY584-B-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.6           | N           | U             |              | U         | 1.6                 | mg/kg | 1.6    | mg/kg |
| RY584-B      | 10FC-RY584-B-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ANTIMONY      | 3.9           | Y           | J-            | J-           | J         | 3.9                 | mg/kg | 0.27   | mg/kg |
| RY584-B      | 10FC-RY584-B-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.65          | Y           |               |              |           | 0.65                | mg/kg | 2.7    | mg/kg |
| RY584-B      | 10FC-RY584-B-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | BARIUM        | 12.9          | Y           |               |              |           | 12.9                | mg/kg | 195    | mg/kg |
| RY584-B      | 10FC-RY584-B-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.32          | Y           |               |              |           | 0.32                | mg/kg | 0.5    | mg/kg |
| RY584-B      | 10FC-RY584-B-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.32          | Y           | J             |              | J         | 0.32                | mg/kg | 0.1    | mg/kg |
| RY584-B      | 10FC-RY584-B-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.65          | Y           |               |              |           | 0.65                | mg/kg | 7.3    | mg/kg |
| RY584-B      | 10FC-RY584-B-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | COBALT        | 3.2           | Y           |               |              |           | 3.2                 | mg/kg | 6.4    | mg/kg |
| RY584-B      | 10FC-RY584-B-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | COPPER        | 1.6           | Y           |               |              |           | 1.6                 | mg/kg | 8      | mg/kg |
| RY584-B      | 10FC-RY584-B-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | VANADIUM      | 3.2           | Y           |               |              |           | 3.2                 | mg/kg | 12     | mg/kg |
| RY584-B      | 10FC-RY584-B-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ZINC          | 3.9           | Y           |               |              |           | 3.9                 | mg/kg | 35.1   | mg/kg |
| RY584-B      | 10FC-RY584-B-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CALCIUM       | 323           | Y           |               |              |           | 323                 | mg/kg | 2080   | mg/kg |
| RY584-B      | 10FC-RY584-B-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.3           | Y           | J             |              | J         | 2.3                 | mg/kg | 1.5    | mg/kg |
| RY584-B      | 10FC-RY584-B-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ALUMINUM      | 13.2          | Y           |               |              |           | 13.2                | mg/kg | 10000  | mg/kg |
| RY584-B      | 10FC-RY584-B-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | IRON          | 6.6           | Y           |               |              |           | 6.6                 | mg/kg | 10800  | mg/kg |
| RY584-B      | 10FC-RY584-B-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | LEAD          | 0.66          | Y           | J             | J            |           | 0.66                | mg/kg | 8.4    | mg/kg |
| RY584-B      | 10FC-RY584-B-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 330           | Y           |               |              |           | 330                 | mg/kg | 3430   | mg/kg |
| RY584-B      | 10FC-RY584-B-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | MANGANESE     | 0.99          | Y           |               |              |           | 0.99                | mg/kg | 723    | mg/kg |
| RY584-B      | 10FC-RY584-B-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | NICKEL        | 2.6           | Y           |               |              |           | 2.6                 | mg/kg | 7.8    | mg/kg |
| RY584-B      | 10FC-RY584-B-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | POTASSIUM     | 330           | Y           |               |              |           | 330                 | mg/kg | 1660   | mg/kg |
| RY584-B      | 10FC-RY584-B-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SILVER        | 0.66          | N           | UJ            | UJ           | U         | 0.66                | mg/kg | 0.66   | mg/kg |
| RY584-B      | 10FC-RY584-B-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SODIUM        | 330           | Y           | J             |              | J         | 330                 | mg/kg | 309    | mg/kg |
| RY584-B      | 10FC-RY584-B-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.7           | N           | U             |              | U         | 1.7                 | mg/kg | 1.7    | mg/kg |
| RY584-B      | 10FC-RY584-B-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ANTIMONY      | 4.0           | Y           | J-            | J-           | J         | 4.0                 | mg/kg | 0.37   | mg/kg |
| RY584-B      | 10FC-RY584-B-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.66          | Y           |               |              |           | 0.66                | mg/kg | 2.9    | mg/kg |



## Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY584-B      | 10FC-RY584-B-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | BARIUM        | 13.2                | Y           |               |              |           | 13.2                | mg/kg | 208    | mg/kg |
| RY584-B      | 10FC-RY584-B-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.33                | Y           |               |              |           | 0.33                | mg/kg | 0.52   | mg/kg |
| RY584-B      | 10FC-RY584-B-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.33                | Y           | J             |              | J         | 0.33                | mg/kg | 0.1    | mg/kg |
| RY584-B      | 10FC-RY584-B-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.66                | Y           |               |              |           | 0.66                | mg/kg | 7.9    | mg/kg |
| RY584-B      | 10FC-RY584-B-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | COBALT        | 3.3                 | Y           |               |              |           | 3.3                 | mg/kg | 6.5    | mg/kg |
| RY584-B      | 10FC-RY584-B-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | COPPER        | 1.7                 | Y           |               |              |           | 1.7                 | mg/kg | 8.1    | mg/kg |
| RY584-B      | 10FC-RY584-B-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | VANADIUM      | 3.3                 | Y           |               |              |           | 3.3                 | mg/kg | 12.8   | mg/kg |
| RY584-B      | 10FC-RY584-B-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ZINC          | 4.0                 | Y           |               |              |           | 4.0                 | mg/kg | 36.2   | mg/kg |
| RY584-B      | 10FC-RY584-B-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CALCIUM       | 330                 | Y           |               |              |           | 330                 | mg/kg | 2930   | mg/kg |
| RY584-B      | 10FC-RY584-B-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.3                 | Y           | J             |              | J         | 2.3                 | mg/kg | 1.7    | mg/kg |
| RY584-C      | 10FC-RY584-C-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ALUMINUM      | 13.1                | Y           |               |              |           | 13.1                | mg/kg | 9300   | mg/kg |
| RY584-C      | 10FC-RY584-C-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | IRON          | 6.5                 | Y           |               |              |           | 6.5                 | mg/kg | 9260   | mg/kg |
| RY584-C      | 10FC-RY584-C-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | LEAD          | 0.65                | Y           | J             |              | J         | 0.65                | mg/kg | 9.6    | mg/kg |
| RY584-C      | 10FC-RY584-C-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 327                 | Y           |               |              |           | 327                 | mg/kg | 2590   | mg/kg |
| RY584-C      | 10FC-RY584-C-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | MANGANESE     | 0.98                | Y           |               |              |           | 0.98                | mg/kg | 51.2   | mg/kg |
| RY584-C      | 10FC-RY584-C-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | NICKEL        | 2.6                 | Y           |               |              |           | 2.6                 | mg/kg | 6.7    | mg/kg |
| RY584-C      | 10FC-RY584-C-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | POTASSIUM     | 327                 | Y           |               |              |           | 327                 | mg/kg | 1560   | mg/kg |
| RY584-C      | 10FC-RY584-C-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SILVER        | 0.65                | N           | UJ            |              | UJ        | 0.65                | mg/kg | 0.65   | mg/kg |
| RY584-C      | 10FC-RY584-C-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SODIUM        | 327                 | Y           |               |              |           | 327                 | mg/kg | 349    | mg/kg |
| RY584-C      | 10FC-RY584-C-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.6                 | N           | U             |              | U         | 1.6                 | mg/kg | 1.6    | mg/kg |
| RY584-C      | 10FC-RY584-C-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ANTIMONY      | 3.9                 | Y           | J-            |              | J-        | 3.9                 | mg/kg | 0.31   | mg/kg |
| RY584-C      | 10FC-RY584-C-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.65                | Y           |               |              |           | 0.65                | mg/kg | 2.3    | mg/kg |
| RY584-C      | 10FC-RY584-C-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | BARIUM        | 13.1                | Y           |               |              |           | 13.1                | mg/kg | 180    | mg/kg |
| RY584-C      | 10FC-RY584-C-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.33                | Y           |               |              |           | 0.33                | mg/kg | 0.44   | mg/kg |
| RY584-C      | 10FC-RY584-C-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.33                | Y           | J             |              | J         | 0.33                | mg/kg | 0.08   | mg/kg |
| RY584-C      | 10FC-RY584-C-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.65                | Y           |               |              |           | 0.65                | mg/kg | 6.7    | mg/kg |
| RY584-C      | 10FC-RY584-C-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | COBALT        | 3.3                 | Y           |               |              |           | 3.3                 | mg/kg | 5      | mg/kg |
| RY584-C      | 10FC-RY584-C-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | COPPER        | 1.6                 | Y           |               |              |           | 1.6                 | mg/kg | 7      | mg/kg |
| RY584-C      | 10FC-RY584-C-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | VANADIUM      | 3.3                 | Y           |               |              |           | 3.3                 | mg/kg | 11.1   | mg/kg |
| RY584-C      | 10FC-RY584-C-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ZINC          | 3.9                 | Y           |               |              |           | 3.9                 | mg/kg | 36.3   | mg/kg |
| RY584-C      | 10FC-RY584-C-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CALCIUM       | 327                 | Y           |               |              |           | 327                 | mg/kg | 1840   | mg/kg |
| RY584-C      | 10FC-RY584-C-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.3                 | Y           | J             |              | J         | 2.3                 | mg/kg | 1.4    | mg/kg |
| RY584-C      | 10FC-RY584-C-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ALUMINUM      | 12.8                | Y           |               |              |           | 12.8                | mg/kg | 9090   | mg/kg |
| RY584-C      | 10FC-RY584-C-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | IRON          | 6.4                 | Y           |               |              |           | 6.4                 | mg/kg | 9180   | mg/kg |
| RY584-C      | 10FC-RY584-C-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | LEAD          | 0.64                | Y           | J             |              | J         | 0.64                | mg/kg | 9.4    | mg/kg |
| RY584-C      | 10FC-RY584-C-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 319                 | Y           |               |              |           | 319                 | mg/kg | 2550   | mg/kg |
| RY584-C      | 10FC-RY584-C-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | MANGANESE     | 0.96                | Y           |               |              |           | 0.96                | mg/kg | 560    | mg/kg |
| RY584-C      | 10FC-RY584-C-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | NICKEL        | 2.6                 | Y           |               |              |           | 2.6                 | mg/kg | 6.8    | mg/kg |
| RY584-C      | 10FC-RY584-C-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | POTASSIUM     | 319                 | Y           |               |              |           | 319                 | mg/kg | 1610   | mg/kg |
| RY584-C      | 10FC-RY584-C-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SILVER        | 0.64                | N           | UJ            |              | UJ        | 0.64                | mg/kg | 0.64   | mg/kg |
| RY584-C      | 10FC-RY584-C-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SODIUM        | 319                 | Y           | J             |              | J         | 319                 | mg/kg | 222    | mg/kg |
| RY584-C      | 10FC-RY584-C-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.6                 | N           | U             |              | U         | 1.6                 | mg/kg | 1.6    | mg/kg |
| RY584-C      | 10FC-RY584-C-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ANTIMONY      | 3.8                 | Y           | J-            |              | J-        | 3.8                 | mg/kg | 0.3    | mg/kg |
| RY584-C      | 10FC-RY584-C-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.64                | Y           |               |              |           | 0.64                | mg/kg | 2.4    | mg/kg |
| RY584-C      | 10FC-RY584-C-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | BARIUM        | 12.8                | Y           |               |              |           | 12.8                | mg/kg | 189    | mg/kg |
| RY584-C      | 10FC-RY584-C-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.32                | Y           |               |              |           | 0.32                | mg/kg | 0.46   | mg/kg |
| RY584-C      | 10FC-RY584-C-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.32                | Y           | J             |              | J         | 0.32                | mg/kg | 0.1    | mg/kg |
| RY584-C      | 10FC-RY584-C-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.64                | Y           |               |              |           | 0.64                | mg/kg | 6.6    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY584-C      | 10FC-RY584-C-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | COBALT        | 3.2                 | Y           |               |              |           | 3.2                 | mg/kg | 4.9    | mg/kg |
| RY584-C      | 10FC-RY584-C-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | COPPER        | 1.6                 | Y           |               |              |           | 1.6                 | mg/kg | 7.4    | mg/kg |
| RY584-C      | 10FC-RY584-C-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | VANADIUM      | 3.2                 | Y           |               |              |           | 3.2                 | mg/kg | 11     | mg/kg |
| RY584-C      | 10FC-RY584-C-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ZINC          | 3.8                 | Y           |               |              |           | 3.8                 | mg/kg | 36.8   | mg/kg |
| RY584-C      | 10FC-RY584-C-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CALCIUM       | 319                 | Y           |               |              |           | 319                 | mg/kg | 1930   | mg/kg |
| RY584-C      | 10FC-RY584-C-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.2                 | Y           | J             |              | J         | 2.2                 | mg/kg | 1.4    | mg/kg |
| RY584-C      | 10FC-RY584-C-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ALUMINUM      | 12.5                | Y           |               |              |           | 12.5                | mg/kg | 9600   | mg/kg |
| RY584-C      | 10FC-RY584-C-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | IRON          | 6.2                 | Y           |               |              |           | 6.2                 | mg/kg | 9590   | mg/kg |
| RY584-C      | 10FC-RY584-C-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | LEAD          | 0.62                | Y           | J             |              | J         | 0.62                | mg/kg | 9.5    | mg/kg |
| RY584-C      | 10FC-RY584-C-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 312                 | Y           |               |              |           | 312                 | mg/kg | 2740   | mg/kg |
| RY584-C      | 10FC-RY584-C-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | MANGANESE     | 0.93                | Y           |               |              |           | 0.93                | mg/kg | 427    | mg/kg |
| RY584-C      | 10FC-RY584-C-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | NICKEL        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 7      | mg/kg |
| RY584-C      | 10FC-RY584-C-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | POTASSIUM     | 312                 | Y           |               |              |           | 312                 | mg/kg | 1620   | mg/kg |
| RY584-C      | 10FC-RY584-C-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SILVER        | 0.62                | N           | UJ            |              | UJ        | 0.62                | mg/kg | 0.62   | mg/kg |
| RY584-C      | 10FC-RY584-C-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SODIUM        | 312                 | Y           | J             |              | J         | 312                 | mg/kg | 188    | mg/kg |
| RY584-C      | 10FC-RY584-C-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.6                 | N           | U             |              | U         | 1.6                 | mg/kg | 1.6    | mg/kg |
| RY584-C      | 10FC-RY584-C-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ANTIMONY      | 3.7                 | Y           | J-            |              | J-        | 3.7                 | mg/kg | 0.34   | mg/kg |
| RY584-C      | 10FC-RY584-C-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.62                | Y           |               |              |           | 0.62                | mg/kg | 2.4    | mg/kg |
| RY584-C      | 10FC-RY584-C-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | BARIUM        | 12.5                | Y           |               |              |           | 12.5                | mg/kg | 178    | mg/kg |
| RY584-C      | 10FC-RY584-C-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.31                | Y           |               |              |           | 0.31                | mg/kg | 0.48   | mg/kg |
| RY584-C      | 10FC-RY584-C-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.31                | Y           | J             |              | J         | 0.31                | mg/kg | 0.11   | mg/kg |
| RY584-C      | 10FC-RY584-C-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.62                | Y           |               |              |           | 0.62                | mg/kg | 7      | mg/kg |
| RY584-C      | 10FC-RY584-C-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | COBALT        | 3.1                 | Y           |               |              |           | 3.1                 | mg/kg | 4.9    | mg/kg |
| RY584-C      | 10FC-RY584-C-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | COPPER        | 1.6                 | Y           |               |              |           | 1.6                 | mg/kg | 7.6    | mg/kg |
| RY584-C      | 10FC-RY584-C-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | VANADIUM      | 3.1                 | Y           |               |              |           | 3.1                 | mg/kg | 11.3   | mg/kg |
| RY584-C      | 10FC-RY584-C-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ZINC          | 3.7                 | Y           |               |              |           | 3.7                 | mg/kg | 35.4   | mg/kg |
| RY584-C      | 10FC-RY584-C-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CALCIUM       | 312                 | Y           |               |              |           | 312                 | mg/kg | 1840   | mg/kg |
| RY584-C      | 10FC-RY584-C-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.2                 | Y           | J             |              | J         | 2.2                 | mg/kg | 1.5    | mg/kg |
| RY584-D      | 10FC-RY584-D-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ALUMINUM      | 12.0                | Y           |               |              |           | 12.0                | mg/kg | 5000   | mg/kg |
| RY584-D      | 10FC-RY584-D-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | IRON          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 10700  | mg/kg |
| RY584-D      | 10FC-RY584-D-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | LEAD          | 0.60                | Y           | J             |              | J         | 0.60                | mg/kg | 3.3    | mg/kg |
| RY584-D      | 10FC-RY584-D-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 299                 | Y           |               |              |           | 299                 | mg/kg | 6740   | mg/kg |
| RY584-D      | 10FC-RY584-D-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | MANGANESE     | 0.90                | Y           |               |              |           | 0.90                | mg/kg | 366    | mg/kg |
| RY584-D      | 10FC-RY584-D-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | NICKEL        | 2.4                 | Y           |               |              |           | 2.4                 | mg/kg | 8.8    | mg/kg |
| RY584-D      | 10FC-RY584-D-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | POTASSIUM     | 299                 | Y           |               |              |           | 299                 | mg/kg | 722    | mg/kg |
| RY584-D      | 10FC-RY584-D-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SILVER        | 0.60                | N           | UJ            |              | UJ        | 0.60                | mg/kg | 0.6    | mg/kg |
| RY584-D      | 10FC-RY584-D-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SODIUM        | 299                 | Y           | J             |              | J         | 299                 | mg/kg | 190    | mg/kg |
| RY584-D      | 10FC-RY584-D-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.5                 | N           | U             |              | U         | 1.5                 | mg/kg | 1.5    | mg/kg |
| RY584-D      | 10FC-RY584-D-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ANTIMONY      | 3.6                 | Y           | J-            |              | J-        | 3.6                 | mg/kg | 0.51   | mg/kg |
| RY584-D      | 10FC-RY584-D-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.60                | Y           |               |              |           | 0.60                | mg/kg | 3.9    | mg/kg |
| RY584-D      | 10FC-RY584-D-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | BARIUM        | 12.0                | Y           |               |              |           | 12.0                | mg/kg | 123    | mg/kg |
| RY584-D      | 10FC-RY584-D-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.30                | Y           |               |              |           | 0.30                | mg/kg | 0.5    | mg/kg |
| RY584-D      | 10FC-RY584-D-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.30                | Y           | J             |              | J         | 0.30                | mg/kg | 0.12   | mg/kg |
| RY584-D      | 10FC-RY584-D-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.60                | Y           |               |              |           | 0.60                | mg/kg | 7.5    | mg/kg |
| RY584-D      | 10FC-RY584-D-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | COBALT        | 3.0                 | Y           |               |              |           | 3.0                 | mg/kg | 5.2    | mg/kg |
| RY584-D      | 10FC-RY584-D-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | COPPER        | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 12.9   | mg/kg |
| RY584-D      | 10FC-RY584-D-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | VANADIUM      | 3.0                 | Y           |               |              |           | 3.0                 | mg/kg | 7      | mg/kg |
| RY584-D      | 10FC-RY584-D-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ZINC          | 3.6                 | Y           |               |              |           | 3.6                 | mg/kg | 12.5   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY584-D      | 10FC-RY584-D-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CALCIUM       | 299           | Y           |               |              |           | 299           | mg/kg | 14700  | mg/kg |
| RY584-D      | 10FC-RY584-D-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.1           | Y           | J             |              | J         | 2.1           | mg/kg | 1.5    | mg/kg |
| RY584-D      | 10FC-RY584-D-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ALUMINUM      | 12.4          | Y           |               |              |           | 12.4          | mg/kg | 4970   | mg/kg |
| RY584-D      | 10FC-RY584-D-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | IRON          | 6.2           | Y           |               |              |           | 6.2           | mg/kg | 9280   | mg/kg |
| RY584-D      | 10FC-RY584-D-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | LEAD          | 0.62          | Y           | J             | J            |           | 0.62          | mg/kg | 6.2    | mg/kg |
| RY584-D      | 10FC-RY584-D-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 311           | Y           |               |              |           | 311           | mg/kg | 5180   | mg/kg |
| RY584-D      | 10FC-RY584-D-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | MANGANESE     | 0.93          | Y           |               |              |           | 0.93          | mg/kg | 260    | mg/kg |
| RY584-D      | 10FC-RY584-D-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | NICKEL        | 2.5           | Y           |               |              |           | 2.5           | mg/kg | 7.9    | mg/kg |
| RY584-D      | 10FC-RY584-D-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | POTASSIUM     | 311           | Y           |               |              |           | 311           | mg/kg | 792    | mg/kg |
| RY584-D      | 10FC-RY584-D-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SILVER        | 0.62          | N           | UJ            | UJ           | U         | 0.62          | mg/kg | 0.62   | mg/kg |
| RY584-D      | 10FC-RY584-D-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SODIUM        | 311           | Y           | J             |              | J         | 311           | mg/kg | 249    | mg/kg |
| RY584-D      | 10FC-RY584-D-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.6           | N           | U             |              | U         | 1.6           | mg/kg | 1.6    | mg/kg |
| RY584-D      | 10FC-RY584-D-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ANTIMONY      | 3.7           | Y           | J-            | J-           | J         | 3.7           | mg/kg | 0.38   | mg/kg |
| RY584-D      | 10FC-RY584-D-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.62          | Y           |               |              |           | 0.62          | mg/kg | 4.7    | mg/kg |
| RY584-D      | 10FC-RY584-D-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | BARIUM        | 12.4          | Y           |               |              |           | 12.4          | mg/kg | 76     | mg/kg |
| RY584-D      | 10FC-RY584-D-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.31          | Y           |               |              |           | 0.31          | mg/kg | 0.33   | mg/kg |
| RY584-D      | 10FC-RY584-D-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.31          | Y           | J             |              | J         | 0.31          | mg/kg | 0.11   | mg/kg |
| RY584-D      | 10FC-RY584-D-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.62          | Y           |               |              |           | 0.62          | mg/kg | 5.6    | mg/kg |
| RY584-D      | 10FC-RY584-D-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | COBALT        | 3.1           | Y           |               |              |           | 3.1           | mg/kg | 5      | mg/kg |
| RY584-D      | 10FC-RY584-D-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | COPPER        | 1.6           | Y           |               |              |           | 1.6           | mg/kg | 9.8    | mg/kg |
| RY584-D      | 10FC-RY584-D-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | VANADIUM      | 3.1           | Y           |               |              |           | 3.1           | mg/kg | 6.3    | mg/kg |
| RY584-D      | 10FC-RY584-D-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ZINC          | 3.7           | Y           |               |              |           | 3.7           | mg/kg | 14.7   | mg/kg |
| RY584-D      | 10FC-RY584-D-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CALCIUM       | 311           | Y           |               |              |           | 311           | mg/kg | 18600  | mg/kg |
| RY584-D      | 10FC-RY584-D-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.2           | Y           | J             |              | J         | 2.2           | mg/kg | 1.5    | mg/kg |
| RY584-D      | 10FC-RY584-D-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ALUMINUM      | 13.1          | Y           |               |              |           | 13.1          | mg/kg | 6780   | mg/kg |
| RY584-D      | 10FC-RY584-D-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | IRON          | 6.5           | Y           |               |              |           | 6.5           | mg/kg | 10100  | mg/kg |
| RY584-D      | 10FC-RY584-D-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | LEAD          | 0.65          | Y           | J             | J            |           | 0.65          | mg/kg | 4.9    | mg/kg |
| RY584-D      | 10FC-RY584-D-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 326           | Y           |               |              |           | 326           | mg/kg | 6990   | mg/kg |
| RY584-D      | 10FC-RY584-D-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | MANGANESE     | 0.98          | Y           |               |              |           | 0.98          | mg/kg | 329    | mg/kg |
| RY584-D      | 10FC-RY584-D-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | NICKEL        | 2.6           | Y           |               |              |           | 2.6           | mg/kg | 8.9    | mg/kg |
| RY584-D      | 10FC-RY584-D-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | POTASSIUM     | 326           | Y           |               |              |           | 326           | mg/kg | 986    | mg/kg |
| RY584-D      | 10FC-RY584-D-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SILVER        | 0.65          | N           | UJ            | UJ           | U         | 0.65          | mg/kg | 0.65   | mg/kg |
| RY584-D      | 10FC-RY584-D-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SODIUM        | 326           | Y           | J             |              | J         | 326           | mg/kg | 271    | mg/kg |
| RY584-D      | 10FC-RY584-D-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.6           | N           | U             |              | U         | 1.6           | mg/kg | 1.6    | mg/kg |
| RY584-D      | 10FC-RY584-D-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ANTIMONY      | 3.9           | Y           | J-            | J-           | J         | 3.9           | mg/kg | 0.6    | mg/kg |
| RY584-D      | 10FC-RY584-D-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.65          | Y           |               |              |           | 0.65          | mg/kg | 4      | mg/kg |
| RY584-D      | 10FC-RY584-D-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | BARIUM        | 13.1          | Y           |               |              |           | 13.1          | mg/kg | 110    | mg/kg |
| RY584-D      | 10FC-RY584-D-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.33          | Y           |               |              |           | 0.33          | mg/kg | 0.47   | mg/kg |
| RY584-D      | 10FC-RY584-D-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.33          | Y           | J             |              | J         | 0.33          | mg/kg | 0.11   | mg/kg |
| RY584-D      | 10FC-RY584-D-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.65          | Y           |               |              |           | 0.65          | mg/kg | 6.7    | mg/kg |
| RY584-D      | 10FC-RY584-D-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | COBALT        | 3.3           | Y           |               |              |           | 3.3           | mg/kg | 5.8    | mg/kg |
| RY584-D      | 10FC-RY584-D-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | COPPER        | 1.6           | Y           |               |              |           | 1.6           | mg/kg | 10.6   | mg/kg |
| RY584-D      | 10FC-RY584-D-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | VANADIUM      | 3.3           | Y           |               |              |           | 3.3           | mg/kg | 8.6    | mg/kg |
| RY584-D      | 10FC-RY584-D-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ZINC          | 3.9           | Y           |               |              |           | 3.9           | mg/kg | 18.9   | mg/kg |
| RY584-D      | 10FC-RY584-D-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CALCIUM       | 326           | Y           |               |              |           | 326           | mg/kg | 15700  | mg/kg |
| RY584-D      | 10FC-RY584-D-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.3           | Y           | J             |              | J         | 2.3           | mg/kg | 1.5    | mg/kg |
| RY584-E      | 10FC-RY584-E-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ALUMINUM      | 11.5          | Y           |               |              |           | 11.5          | mg/kg | 5750   | mg/kg |
| RY584-E      | 10FC-RY584-E-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | IRON          | 5.8           | Y           |               |              |           | 5.8           | mg/kg | 8130   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY584-E      | 10FC-RY584-E-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | LEAD          | 0.58          | Y           | J             | J            |           | 0.58                | mg/kg | 6.8    | mg/kg |
| RY584-E      | 10FC-RY584-E-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 289           | Y           |               |              |           | 289                 | mg/kg | 3910   | mg/kg |
| RY584-E      | 10FC-RY584-E-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | MANGANESE     | 0.87          | Y           |               |              |           | 0.87                | mg/kg | 264    | mg/kg |
| RY584-E      | 10FC-RY584-E-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | NICKEL        | 2.3           | Y           |               |              |           | 2.3                 | mg/kg | 6.8    | mg/kg |
| RY584-E      | 10FC-RY584-E-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | POTASSIUM     | 289           | Y           |               |              |           | 289                 | mg/kg | 676    | mg/kg |
| RY584-E      | 10FC-RY584-E-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SILVER        | 0.58          | N           | UJ            | UJ           | U         | 0.58                | mg/kg | 0.58   | mg/kg |
| RY584-E      | 10FC-RY584-E-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SODIUM        | 289           | Y           | J             |              | J         | 289                 | mg/kg | 153    | mg/kg |
| RY584-E      | 10FC-RY584-E-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.4           | N           | U             |              | U         | 1.4                 | mg/kg | 1.4    | mg/kg |
| RY584-E      | 10FC-RY584-E-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ANTIMONY      | 3.5           | Y           | J-            | J-           | J         | 3.5                 | mg/kg | 0.38   | mg/kg |
| RY584-E      | 10FC-RY584-E-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.58          | Y           |               |              |           | 0.58                | mg/kg | 2.2    | mg/kg |
| RY584-E      | 10FC-RY584-E-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | BARIUM        | 11.5          | Y           |               |              |           | 11.5                | mg/kg | 131    | mg/kg |
| RY584-E      | 10FC-RY584-E-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.29          | Y           |               |              |           | 0.29                | mg/kg | 0.39   | mg/kg |
| RY584-E      | 10FC-RY584-E-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.29          | Y           | J             |              | J         | 0.29                | mg/kg | 0.06   | mg/kg |
| RY584-E      | 10FC-RY584-E-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.58          | Y           |               |              |           | 0.58                | mg/kg | 6      | mg/kg |
| RY584-E      | 10FC-RY584-E-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | COBALT        | 2.9           | Y           |               |              |           | 2.9                 | mg/kg | 4.9    | mg/kg |
| RY584-E      | 10FC-RY584-E-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | COPPER        | 1.4           | Y           |               |              |           | 1.4                 | mg/kg | 10.4   | mg/kg |
| RY584-E      | 10FC-RY584-E-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | VANADIUM      | 2.9           | Y           |               |              |           | 2.9                 | mg/kg | 6.3    | mg/kg |
| RY584-E      | 10FC-RY584-E-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ZINC          | 3.5           | Y           |               |              |           | 3.5                 | mg/kg | 23.7   | mg/kg |
| RY584-E      | 10FC-RY584-E-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CALCIUM       | 289           | Y           |               |              |           | 289                 | mg/kg | 2090   | mg/kg |
| RY584-E      | 10FC-RY584-E-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.0           | Y           | J             |              | J         | 2.0                 | mg/kg | 1.4    | mg/kg |
| RY584-E      | 10FC-RY584-E-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ALUMINUM      | 12.4          | Y           |               |              |           | 12.4                | mg/kg | 6230   | mg/kg |
| RY584-E      | 10FC-RY584-E-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | IRON          | 6.2           | Y           |               |              |           | 6.2                 | mg/kg | 8980   | mg/kg |
| RY584-E      | 10FC-RY584-E-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | LEAD          | 0.62          | Y           | J             | J            |           | 0.62                | mg/kg | 5.2    | mg/kg |
| RY584-E      | 10FC-RY584-E-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | MAGNESIUM     | 311           | Y           |               |              |           | 311                 | mg/kg | 3380   | mg/kg |
| RY584-E      | 10FC-RY584-E-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | MANGANESE     | 0.93          | Y           |               |              |           | 0.93                | mg/kg | 242    | mg/kg |
| RY584-E      | 10FC-RY584-E-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | NICKEL        | 2.5           | Y           |               |              |           | 2.5                 | mg/kg | 7.2    | mg/kg |
| RY584-E      | 10FC-RY584-E-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | POTASSIUM     | 311           | Y           |               |              |           | 311                 | mg/kg | 907    | mg/kg |
| RY584-E      | 10FC-RY584-E-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | SILVER        | 0.62          | N           | UJ            | UJ           | U         | 0.62                | mg/kg | 0.62   | mg/kg |
| RY584-E      | 10FC-RY584-E-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | SODIUM        | 311           | Y           | J             |              | J         | 311                 | mg/kg | 177    | mg/kg |
| RY584-E      | 10FC-RY584-E-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | THALLIUM      | 1.6           | N           | U             |              | U         | 1.6                 | mg/kg | 1.6    | mg/kg |
| RY584-E      | 10FC-RY584-E-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ANTIMONY      | 3.7           | Y           | J-            | J-           | J         | 3.7                 | mg/kg | 0.35   | mg/kg |
| RY584-E      | 10FC-RY584-E-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ARSENIC       | 0.62          | Y           |               |              |           | 0.62                | mg/kg | 2.6    | mg/kg |
| RY584-E      | 10FC-RY584-E-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | BARIUM        | 12.4          | Y           |               |              |           | 12.4                | mg/kg | 89.5   | mg/kg |
| RY584-E      | 10FC-RY584-E-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | BERYLLIUM     | 0.31          | Y           |               |              |           | 0.31                | mg/kg | 0.34   | mg/kg |
| RY584-E      | 10FC-RY584-E-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | CADMIUM       | 0.31          | Y           | J             |              | J         | 0.31                | mg/kg | 0.03   | mg/kg |
| RY584-E      | 10FC-RY584-E-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | CHROMIUM      | 0.62          | Y           |               |              |           | 0.62                | mg/kg | 6.4    | mg/kg |
| RY584-E      | 10FC-RY584-E-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | COBALT        | 3.1           | Y           |               |              |           | 3.1                 | mg/kg | 4.3    | mg/kg |
| RY584-E      | 10FC-RY584-E-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | COPPER        | 1.6           | Y           |               |              |           | 1.6                 | mg/kg | 8.2    | mg/kg |
| RY584-E      | 10FC-RY584-E-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | VANADIUM      | 3.1           | Y           |               |              |           | 3.1                 | mg/kg | 7.5    | mg/kg |
| RY584-E      | 10FC-RY584-E-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ZINC          | 3.7           | Y           |               |              |           | 3.7                 | mg/kg | 20.7   | mg/kg |
| RY584-E      | 10FC-RY584-E-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | CALCIUM       | 311           | Y           |               |              |           | 311                 | mg/kg | 2100   | mg/kg |
| RY584-E      | 10FC-RY584-E-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | SELENIUM      | 2.2           | N           | U             |              | U         | 2.2                 | mg/kg | 2.2    | mg/kg |
| RY584-E      | 10FC-RY584-E-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | ALUMINUM      | 11.7          | Y           |               |              |           | 11.7                | mg/kg | 6940   | mg/kg |
| RY584-E      | 10FC-RY584-E-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | IRON          | 5.9           | Y           |               |              |           | 5.9                 | mg/kg | 9070   | mg/kg |
| RY584-E      | 10FC-RY584-E-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | LEAD          | 0.59          | Y           | J             | J            |           | 0.59                | mg/kg | 5.1    | mg/kg |
| RY584-E      | 10FC-RY584-E-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | MAGNESIUM     | 293           | Y           |               |              |           | 293                 | mg/kg | 3370   | mg/kg |
| RY584-E      | 10FC-RY584-E-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | MANGANESE     | 0.88          | Y           |               |              |           | 0.88                | mg/kg | 318    | mg/kg |
| RY584-E      | 10FC-RY584-E-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | NICKEL        | 2.3           | Y           |               |              |           | 2.3                 | mg/kg | 7.4    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY584-E      | 10FC-RY584-E-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | POTASSIUM     | 293           | Y           |               |              |           | 293                 | mg/kg | 1070   | mg/kg |
| RY584-E      | 10FC-RY584-E-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | SILVER        | 0.59          | N           | UJ            | UJ           | U         | 0.59                | mg/kg | 0.59   | mg/kg |
| RY584-E      | 10FC-RY584-E-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | SODIUM        | 293           | Y           | J             |              | J         | 293                 | mg/kg | 187    | mg/kg |
| RY584-E      | 10FC-RY584-E-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | THALLIUM      | 1.5           | N           | U             |              | U         | 1.5                 | mg/kg | 1.5    | mg/kg |
| RY584-E      | 10FC-RY584-E-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | ANTIMONY      | 3.5           | Y           | J-            | J-           | J         | 3.5                 | mg/kg | 0.3    | mg/kg |
| RY584-E      | 10FC-RY584-E-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | ARSENIC       | 0.59          | Y           |               |              |           | 0.59                | mg/kg | 2.6    | mg/kg |
| RY584-E      | 10FC-RY584-E-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | BARIUM        | 11.7          | Y           |               |              |           | 11.7                | mg/kg | 154    | mg/kg |
| RY584-E      | 10FC-RY584-E-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | BERYLLIUM     | 0.29          | Y           |               |              |           | 0.29                | mg/kg | 0.37   | mg/kg |
| RY584-E      | 10FC-RY584-E-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | CADMIUM       | 0.29          | Y           | J             |              | J         | 0.29                | mg/kg | 0.03   | mg/kg |
| RY584-E      | 10FC-RY584-E-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | CHROMIUM      | 0.59          | Y           |               |              |           | 0.59                | mg/kg | 6.6    | mg/kg |
| RY584-E      | 10FC-RY584-E-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | COBALT        | 2.9           | Y           |               |              |           | 2.9                 | mg/kg | 4.7    | mg/kg |
| RY584-E      | 10FC-RY584-E-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | COPPER        | 1.5           | Y           |               |              |           | 1.5                 | mg/kg | 8      | mg/kg |
| RY584-E      | 10FC-RY584-E-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | VANADIUM      | 2.9           | Y           |               |              |           | 2.9                 | mg/kg | 8.1    | mg/kg |
| RY584-E      | 10FC-RY584-E-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | ZINC          | 3.5           | Y           |               |              |           | 3.5                 | mg/kg | 26     | mg/kg |
| RY584-E      | 10FC-RY584-E-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | CALCIUM       | 293           | Y           |               |              |           | 293                 | mg/kg | 2030   | mg/kg |
| RY584-E      | 10FC-RY584-E-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | SELENIUM      | 2.1           | N           | U             |              | U         | 2.1                 | mg/kg | 2.1    | mg/kg |
| RY584-F      | 10FC-RY584-F-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ALUMINUM      | 12.2          | Y           |               |              |           | 12.2                | mg/kg | 6150   | mg/kg |
| RY584-F      | 10FC-RY584-F-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | IRON          | 6.1           | Y           |               |              |           | 6.1                 | mg/kg | 8810   | mg/kg |
| RY584-F      | 10FC-RY584-F-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | LEAD          | 0.61          | Y           | J             | J            |           | 0.61                | mg/kg | 6.8    | mg/kg |
| RY584-F      | 10FC-RY584-F-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | MAGNESIUM     | 305           | Y           |               |              |           | 305                 | mg/kg | 3370   | mg/kg |
| RY584-F      | 10FC-RY584-F-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | MANGANESE     | 0.91          | Y           |               |              |           | 0.91                | mg/kg | 223    | mg/kg |
| RY584-F      | 10FC-RY584-F-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | NICKEL        | 2.4           | Y           |               |              |           | 2.4                 | mg/kg | 6.9    | mg/kg |
| RY584-F      | 10FC-RY584-F-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | POTASSIUM     | 305           | Y           |               |              |           | 305                 | mg/kg | 1070   | mg/kg |
| RY584-F      | 10FC-RY584-F-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | SILVER        | 0.61          | N           | UJ            | UJ           | U         | 0.61                | mg/kg | 0.61   | mg/kg |
| RY584-F      | 10FC-RY584-F-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | SODIUM        | 305           | Y           | J             |              | J         | 305                 | mg/kg | 165    | mg/kg |
| RY584-F      | 10FC-RY584-F-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | THALLIUM      | 1.5           | N           | U             |              | U         | 1.5                 | mg/kg | 1.5    | mg/kg |
| RY584-F      | 10FC-RY584-F-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ANTIMONY      | 3.7           | Y           | J-            | J-           | J         | 3.7                 | mg/kg | 0.59   | mg/kg |
| RY584-F      | 10FC-RY584-F-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ARSENIC       | 0.61          | Y           |               |              |           | 0.61                | mg/kg | 2.2    | mg/kg |
| RY584-F      | 10FC-RY584-F-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | BARIUM        | 12.2          | Y           |               |              |           | 12.2                | mg/kg | 83.6   | mg/kg |
| RY584-F      | 10FC-RY584-F-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | BERYLLIUM     | 0.30          | Y           |               |              |           | 0.30                | mg/kg | 0.33   | mg/kg |
| RY584-F      | 10FC-RY584-F-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | CADMIUM       | 0.30          | Y           | J             |              | J         | 0.30                | mg/kg | 0.04   | mg/kg |
| RY584-F      | 10FC-RY584-F-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | CHROMIUM      | 0.61          | Y           |               |              |           | 0.61                | mg/kg | 6.4    | mg/kg |
| RY584-F      | 10FC-RY584-F-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | COBALT        | 3.0           | Y           |               |              |           | 3.0                 | mg/kg | 4      | mg/kg |
| RY584-F      | 10FC-RY584-F-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | COPPER        | 1.5           | Y           |               |              |           | 1.5                 | mg/kg | 7.9    | mg/kg |
| RY584-F      | 10FC-RY584-F-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | VANADIUM      | 3.0           | Y           |               |              |           | 3.0                 | mg/kg | 9.5    | mg/kg |
| RY584-F      | 10FC-RY584-F-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ZINC          | 3.7           | Y           |               |              |           | 3.7                 | mg/kg | 28.4   | mg/kg |
| RY584-F      | 10FC-RY584-F-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | CALCIUM       | 305           | Y           |               |              |           | 305                 | mg/kg | 2960   | mg/kg |
| RY584-F      | 10FC-RY584-F-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | SELENIUM      | 2.1           | N           | U             |              | U         | 2.1                 | mg/kg | 2.1    | mg/kg |
| RY584-F      | 10FC-RY584-F-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ALUMINUM      | 11.2          | Y           |               |              |           | 11.2                | mg/kg | 5080   | mg/kg |
| RY584-F      | 10FC-RY584-F-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | IRON          | 5.6           | Y           |               |              |           | 5.6                 | mg/kg | 8440   | mg/kg |
| RY584-F      | 10FC-RY584-F-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | LEAD          | 0.56          | Y           | J             | J            |           | 0.56                | mg/kg | 3.4    | mg/kg |
| RY584-F      | 10FC-RY584-F-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | MAGNESIUM     | 281           | Y           |               |              |           | 281                 | mg/kg | 2890   | mg/kg |
| RY584-F      | 10FC-RY584-F-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | MANGANESE     | 0.84          | Y           |               |              |           | 0.84                | mg/kg | 254    | mg/kg |
| RY584-F      | 10FC-RY584-F-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | NICKEL        | 2.2           | Y           |               |              |           | 2.2                 | mg/kg | 6.6    | mg/kg |
| RY584-F      | 10FC-RY584-F-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | POTASSIUM     | 281           | Y           |               |              |           | 281                 | mg/kg | 838    | mg/kg |
| RY584-F      | 10FC-RY584-F-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | SILVER        | 0.56          | N           | UJ            | UJ           | U         | 0.56                | mg/kg | 0.56   | mg/kg |
| RY584-F      | 10FC-RY584-F-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | SODIUM        | 281           | Y           | J             |              | J         | 281                 | mg/kg | 135    | mg/kg |
| RY584-F      | 10FC-RY584-F-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | THALLIUM      | 1.4           | N           | U             |              | U         | 1.4                 | mg/kg | 1.4    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY584-F      | 10FC-RY584-F-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ANTIMONY      | 3.4           | Y           | J-            | J-           | J         | 3.4           | mg/kg | 0.34   | mg/kg |
| RY584-F      | 10FC-RY584-F-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ARSENIC       | 0.56          | Y           |               |              |           | 0.56          | mg/kg | 2      | mg/kg |
| RY584-F      | 10FC-RY584-F-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | BARIUM        | 11.2          | Y           |               |              |           | 11.2          | mg/kg | 70.7   | mg/kg |
| RY584-F      | 10FC-RY584-F-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | BERYLLIUM     | 0.28          | Y           |               |              |           | 0.28          | mg/kg | 0.3    | mg/kg |
| RY584-F      | 10FC-RY584-F-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | CADMIUM       | 0.28          | Y           | J             |              | J         | 0.28          | mg/kg | 0.03   | mg/kg |
| RY584-F      | 10FC-RY584-F-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | CHROMIUM      | 0.56          | Y           |               |              |           | 0.56          | mg/kg | 6.5    | mg/kg |
| RY584-F      | 10FC-RY584-F-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | COBALT        | 2.8           | Y           |               |              |           | 2.8           | mg/kg | 3.8    | mg/kg |
| RY584-F      | 10FC-RY584-F-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | COPPER        | 1.4           | Y           |               |              |           | 1.4           | mg/kg | 6      | mg/kg |
| RY584-F      | 10FC-RY584-F-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | VANADIUM      | 2.8           | Y           |               |              |           | 2.8           | mg/kg | 8.8    | mg/kg |
| RY584-F      | 10FC-RY584-F-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ZINC          | 3.4           | Y           |               |              |           | 3.4           | mg/kg | 18.6   | mg/kg |
| RY584-F      | 10FC-RY584-F-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | CALCIUM       | 281           | Y           |               |              |           | 281           | mg/kg | 3240   | mg/kg |
| RY584-F      | 10FC-RY584-F-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | SELENIUM      | 2.0           | N           | U             |              | U         | 2.0           | mg/kg | 2      | mg/kg |
| RY584-F      | 10FC-RY584-F-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | ALUMINUM      | 11.6          | Y           |               |              |           | 11.6          | mg/kg | 5000   | mg/kg |
| RY584-F      | 10FC-RY584-F-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | IRON          | 5.8           | Y           |               |              |           | 5.8           | mg/kg | 7670   | mg/kg |
| RY584-F      | 10FC-RY584-F-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | LEAD          | 0.58          | Y           | J             | J            |           | 0.58          | mg/kg | 3.4    | mg/kg |
| RY584-F      | 10FC-RY584-F-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | MAGNESIUM     | 289           | Y           |               |              |           | 289           | mg/kg | 3240   | mg/kg |
| RY584-F      | 10FC-RY584-F-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | MANGANESE     | 0.87          | Y           |               |              |           | 0.87          | mg/kg | 235    | mg/kg |
| RY584-F      | 10FC-RY584-F-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | NICKEL        | 2.3           | Y           |               |              |           | 2.3           | mg/kg | 6.1    | mg/kg |
| RY584-F      | 10FC-RY584-F-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | POTASSIUM     | 289           | Y           |               |              |           | 289           | mg/kg | 862    | mg/kg |
| RY584-F      | 10FC-RY584-F-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | SILVER        | 0.58          | N           | UJ            | UJ           | U         | 0.58          | mg/kg | 0.58   | mg/kg |
| RY584-F      | 10FC-RY584-F-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | SODIUM        | 289           | Y           | J             |              | J         | 289           | mg/kg | 139    | mg/kg |
| RY584-F      | 10FC-RY584-F-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | THALLIUM      | 1.4           | N           | U             |              | U         | 1.4           | mg/kg | 1.4    | mg/kg |
| RY584-F      | 10FC-RY584-F-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | ANTIMONY      | 3.5           | Y           | J-            | J-           | J         | 3.5           | mg/kg | 0.24   | mg/kg |
| RY584-F      | 10FC-RY584-F-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | ARSENIC       | 0.58          | Y           |               |              |           | 0.58          | mg/kg | 2.3    | mg/kg |
| RY584-F      | 10FC-RY584-F-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | BARIUM        | 11.6          | Y           |               |              |           | 11.6          | mg/kg | 64.3   | mg/kg |
| RY584-F      | 10FC-RY584-F-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | BERYLLIUM     | 0.29          | Y           |               |              |           | 0.29          | mg/kg | 0.31   | mg/kg |
| RY584-F      | 10FC-RY584-F-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | CADMIUM       | 0.29          | Y           | J             |              | J         | 0.29          | mg/kg | 0.02   | mg/kg |
| RY584-F      | 10FC-RY584-F-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | CHROMIUM      | 0.58          | Y           |               |              |           | 0.58          | mg/kg | 6      | mg/kg |
| RY584-F      | 10FC-RY584-F-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | COBALT        | 2.9           | Y           |               |              |           | 2.9           | mg/kg | 3.3    | mg/kg |
| RY584-F      | 10FC-RY584-F-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | COPPER        | 1.4           | Y           |               |              |           | 1.4           | mg/kg | 6.7    | mg/kg |
| RY584-F      | 10FC-RY584-F-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | VANADIUM      | 2.9           | Y           |               |              |           | 2.9           | mg/kg | 7.5    | mg/kg |
| RY584-F      | 10FC-RY584-F-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | ZINC          | 3.5           | Y           |               |              |           | 3.5           | mg/kg | 17.5   | mg/kg |
| RY584-F      | 10FC-RY584-F-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | CALCIUM       | 289           | Y           |               |              |           | 289           | mg/kg | 4610   | mg/kg |
| RY584-F      | 10FC-RY584-F-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | SELENIUM      | 2.0           | N           | U             |              | U         | 2.0           | mg/kg | 2      | mg/kg |
| RY584-G      | 10FC-RY584-G-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ALUMINUM      | 12.4          | Y           |               |              |           | 12.4          | mg/kg | 9080   | mg/kg |
| RY584-G      | 10FC-RY584-G-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | IRON          | 6.2           | Y           |               |              |           | 6.2           | mg/kg | 9810   | mg/kg |
| RY584-G      | 10FC-RY584-G-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | LEAD          | 0.62          | Y           | J             | J            |           | 0.62          | mg/kg | 7.8    | mg/kg |
| RY584-G      | 10FC-RY584-G-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | MAGNESIUM     | 310           | Y           |               |              |           | 310           | mg/kg | 2580   | mg/kg |
| RY584-G      | 10FC-RY584-G-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | MANGANESE     | 0.93          | Y           |               |              |           | 0.93          | mg/kg | 399    | mg/kg |
| RY584-G      | 10FC-RY584-G-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | NICKEL        | 2.5           | Y           |               |              |           | 2.5           | mg/kg | 7.4    | mg/kg |
| RY584-G      | 10FC-RY584-G-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | POTASSIUM     | 310           | Y           |               |              |           | 310           | mg/kg | 1690   | mg/kg |
| RY584-G      | 10FC-RY584-G-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | SILVER        | 0.62          | N           | UJ            | UJ           | U         | 0.62          | mg/kg | 0.62   | mg/kg |
| RY584-G      | 10FC-RY584-G-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | SODIUM        | 310           | Y           | J             |              | J         | 310           | mg/kg | 215    | mg/kg |
| RY584-G      | 10FC-RY584-G-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | THALLIUM      | 1.6           | N           | U             |              | U         | 1.6           | mg/kg | 1.6    | mg/kg |
| RY584-G      | 10FC-RY584-G-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ANTIMONY      | 3.7           | Y           | J-            | J-           | J         | 3.7           | mg/kg | 0.41   | mg/kg |
| RY584-G      | 10FC-RY584-G-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ARSENIC       | 0.62          | Y           |               |              |           | 0.62          | mg/kg | 2.5    | mg/kg |
| RY584-G      | 10FC-RY584-G-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | BARIUM        | 12.4          | Y           |               |              |           | 12.4          | mg/kg | 149    | mg/kg |
| RY584-G      | 10FC-RY584-G-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | BERYLLIUM     | 0.31          | Y           |               |              |           | 0.31          | mg/kg | 0.46   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY584-G      | 10FC-RY584-G-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | CADMIUM       | 0.31          | Y           | J             |              | J         | 0.31                | mg/kg | 0.04   | mg/kg |
| RY584-G      | 10FC-RY584-G-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | CHROMIUM      | 0.62          | Y           |               |              |           | 0.62                | mg/kg | 6.7    | mg/kg |
| RY584-G      | 10FC-RY584-G-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | COBALT        | 3.1           | Y           |               |              |           | 3.1                 | mg/kg | 5.4    | mg/kg |
| RY584-G      | 10FC-RY584-G-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | COPPER        | 1.6           | Y           |               |              |           | 1.6                 | mg/kg | 8.1    | mg/kg |
| RY584-G      | 10FC-RY584-G-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | VANADIUM      | 3.1           | Y           |               |              |           | 3.1                 | mg/kg | 11.7   | mg/kg |
| RY584-G      | 10FC-RY584-G-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ZINC          | 3.7           | Y           |               |              |           | 3.7                 | mg/kg | 29.2   | mg/kg |
| RY584-G      | 10FC-RY584-G-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | CALCIUM       | 310           | Y           |               |              |           | 310                 | mg/kg | 1560   | mg/kg |
| RY584-G      | 10FC-RY584-G-000002 | 7/20/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | SELENIUM      | 2.2           | N           | U             |              | U         | 2.2                 | mg/kg | 2.2    | mg/kg |
| RY584-G      | 10FC-RY584-G-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ALUMINUM      | 11.9          | Y           |               |              |           | 11.9                | mg/kg | 8400   | mg/kg |
| RY584-G      | 10FC-RY584-G-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | IRON          | 6.0           | Y           |               |              |           | 6.0                 | mg/kg | 9060   | mg/kg |
| RY584-G      | 10FC-RY584-G-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | LEAD          | 0.60          | Y           | J             | J            |           | 0.60                | mg/kg | 6.8    | mg/kg |
| RY584-G      | 10FC-RY584-G-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | MAGNESIUM     | 299           | Y           |               |              |           | 299                 | mg/kg | 2450   | mg/kg |
| RY584-G      | 10FC-RY584-G-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | MANGANESE     | 0.90          | Y           |               |              |           | 0.90                | mg/kg | 383    | mg/kg |
| RY584-G      | 10FC-RY584-G-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | NICKEL        | 2.4           | Y           |               |              |           | 2.4                 | mg/kg | 6.7    | mg/kg |
| RY584-G      | 10FC-RY584-G-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | POTASSIUM     | 299           | Y           |               |              |           | 299                 | mg/kg | 1540   | mg/kg |
| RY584-G      | 10FC-RY584-G-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | SILVER        | 0.60          | N           | UJ            | UJ           | U         | 0.60                | mg/kg | 0.6    | mg/kg |
| RY584-G      | 10FC-RY584-G-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | SODIUM        | 299           | Y           | J             |              | J         | 299                 | mg/kg | 193    | mg/kg |
| RY584-G      | 10FC-RY584-G-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | THALLIUM      | 1.5           | N           | U             |              | U         | 1.5                 | mg/kg | 1.5    | mg/kg |
| RY584-G      | 10FC-RY584-G-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ANTIMONY      | 3.6           | Y           | J-            | J-           | J         | 3.6                 | mg/kg | 0.39   | mg/kg |
| RY584-G      | 10FC-RY584-G-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ARSENIC       | 0.60          | Y           |               |              |           | 0.60                | mg/kg | 2.1    | mg/kg |
| RY584-G      | 10FC-RY584-G-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | BARIUM        | 11.9          | Y           |               |              |           | 11.9                | mg/kg | 144    | mg/kg |
| RY584-G      | 10FC-RY584-G-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | BERYLLIUM     | 0.30          | Y           |               |              |           | 0.30                | mg/kg | 0.45   | mg/kg |
| RY584-G      | 10FC-RY584-G-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | CADMIUM       | 0.30          | Y           | J             |              | J         | 0.30                | mg/kg | 0.03   | mg/kg |
| RY584-G      | 10FC-RY584-G-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | CHROMIUM      | 0.60          | Y           |               |              |           | 0.60                | mg/kg | 6.1    | mg/kg |
| RY584-G      | 10FC-RY584-G-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | COBALT        | 3.0           | Y           |               |              |           | 3.0                 | mg/kg | 4.9    | mg/kg |
| RY584-G      | 10FC-RY584-G-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | COPPER        | 1.5           | Y           |               |              |           | 1.5                 | mg/kg | 7.4    | mg/kg |
| RY584-G      | 10FC-RY584-G-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | VANADIUM      | 3.0           | Y           |               |              |           | 3.0                 | mg/kg | 10.8   | mg/kg |
| RY584-G      | 10FC-RY584-G-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ZINC          | 3.6           | Y           |               |              |           | 3.6                 | mg/kg | 26.5   | mg/kg |
| RY584-G      | 10FC-RY584-G-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | CALCIUM       | 299           | Y           |               |              |           | 299                 | mg/kg | 1300   | mg/kg |
| RY584-G      | 10FC-RY584-G-002006 | 7/20/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | SELENIUM      | 2.1           | N           | U             |              | U         | 2.1                 | mg/kg | 2.1    | mg/kg |
| RY584-G      | 10FC-RY584-G-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | ALUMINUM      | 12.6          | Y           |               |              |           | 12.6                | mg/kg | 9150   | mg/kg |
| RY584-G      | 10FC-RY584-G-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | IRON          | 6.3           | Y           |               |              |           | 6.3                 | mg/kg | 9730   | mg/kg |
| RY584-G      | 10FC-RY584-G-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | LEAD          | 0.63          | Y           | J             | J            |           | 0.63                | mg/kg | 6.9    | mg/kg |
| RY584-G      | 10FC-RY584-G-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | MAGNESIUM     | 314           | Y           |               |              |           | 314                 | mg/kg | 2460   | mg/kg |
| RY584-G      | 10FC-RY584-G-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | MANGANESE     | 0.94          | Y           | J             | J            |           | 0.94                | mg/kg | 413    | mg/kg |
| RY584-G      | 10FC-RY584-G-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | NICKEL        | 2.5           | Y           |               |              |           | 2.5                 | mg/kg | 7.2    | mg/kg |
| RY584-G      | 10FC-RY584-G-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | POTASSIUM     | 314           | Y           |               |              |           | 314                 | mg/kg | 1420   | mg/kg |
| RY584-G      | 10FC-RY584-G-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | SILVER        | 0.63          | N           | UJ            | UJ           | U         | 0.63                | mg/kg | 0.63   | mg/kg |
| RY584-G      | 10FC-RY584-G-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | SODIUM        | 314           | Y           | J             |              | J         | 314                 | mg/kg | 204    | mg/kg |
| RY584-G      | 10FC-RY584-G-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | THALLIUM      | 1.6           | N           | U             |              | U         | 1.6                 | mg/kg | 1.6    | mg/kg |
| RY584-G      | 10FC-RY584-G-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | ANTIMONY      | 3.8           | Y           | J-            | J-           | J         | 3.8                 | mg/kg | 0.3    | mg/kg |
| RY584-G      | 10FC-RY584-G-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | ARSENIC       | 0.63          | Y           |               |              |           | 0.63                | mg/kg | 2.3    | mg/kg |
| RY584-G      | 10FC-RY584-G-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | BARIUM        | 12.6          | Y           |               |              |           | 12.6                | mg/kg | 148    | mg/kg |
| RY584-G      | 10FC-RY584-G-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | BERYLLIUM     | 0.31          | Y           |               |              |           | 0.31                | mg/kg | 0.46   | mg/kg |
| RY584-G      | 10FC-RY584-G-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | CADMIUM       | 0.31          | Y           | J             |              | J         | 0.31                | mg/kg | 0.03   | mg/kg |
| RY584-G      | 10FC-RY584-G-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | CHROMIUM      | 0.63          | Y           |               |              |           | 0.63                | mg/kg | 6.5    | mg/kg |
| RY584-G      | 10FC-RY584-G-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | COBALT        | 3.1           | Y           |               |              |           | 3.1                 | mg/kg | 5.5    | mg/kg |
| RY584-G      | 10FC-RY584-G-006012 | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | COPPER        | 1.6           | Y           |               |              |           | 1.6                 | mg/kg | 7.6    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code       | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-----------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY584-G      | 10FC-RY584-G-006012   | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | VANADIUM      | 3.1                 | Y           |               |              |           | 3.1                 | mg/kg | 11.4   | mg/kg |
| RY584-G      | 10FC-RY584-G-006012   | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | ZINC          | 3.8                 | Y           |               |              |           | 3.8                 | mg/kg | 26.8   | mg/kg |
| RY584-G      | 10FC-RY584-G-006012   | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | CALCIUM       | 314                 | Y           |               |              |           | 314                 | mg/kg | 1350   | mg/kg |
| RY584-G      | 10FC-RY584-G-006012   | 7/20/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | SELENIUM      | 2.2                 | N           | U             |              | U         | 2.2                 | mg/kg | 2.2    | mg/kg |
| RY584-G      | 10FC-RY584-G-006012-D | 7/20/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | ALUMINUM      | 11.9                | Y           |               |              |           | 11.9                | mg/kg | 9390   | mg/kg |
| RY584-G      | 10FC-RY584-G-006012-D | 7/20/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | IRON          | 5.9                 | Y           |               |              |           | 5.9                 | mg/kg | 10100  | mg/kg |
| RY584-G      | 10FC-RY584-G-006012-D | 7/20/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | LEAD          | 0.59                | Y           | J             | J            |           | 0.59                | mg/kg | 7.7    | mg/kg |
| RY584-G      | 10FC-RY584-G-006012-D | 7/20/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | MAGNESIUM     | 297                 | Y           |               |              |           | 297                 | mg/kg | 2620   | mg/kg |
| RY584-G      | 10FC-RY584-G-006012-D | 7/20/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | MANGANESE     | 0.89                | Y           | J             | J            |           | 0.89                | mg/kg | 676    | mg/kg |
| RY584-G      | 10FC-RY584-G-006012-D | 7/20/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | NICKEL        | 2.4                 | Y           |               |              |           | 2.4                 | mg/kg | 7.9    | mg/kg |
| RY584-G      | 10FC-RY584-G-006012-D | 7/20/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | POTASSIUM     | 297                 | Y           |               |              |           | 297                 | mg/kg | 1610   | mg/kg |
| RY584-G      | 10FC-RY584-G-006012-D | 7/20/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | SILVER        | 0.59                | N           | UJ            | UJ           | U         | 0.59                | mg/kg | 0.59   | mg/kg |
| RY584-G      | 10FC-RY584-G-006012-D | 7/20/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | SODIUM        | 297                 | Y           | J             |              | J         | 297                 | mg/kg | 203    | mg/kg |
| RY584-G      | 10FC-RY584-G-006012-D | 7/20/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | THALLIUM      | 1.5                 | N           | U             |              | U         | 1.5                 | mg/kg | 1.5    | mg/kg |
| RY584-G      | 10FC-RY584-G-006012-D | 7/20/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | ANTIMONY      | 3.6                 | Y           | J-            | J-           | J         | 3.6                 | mg/kg | 0.36   | mg/kg |
| RY584-G      | 10FC-RY584-G-006012-D | 7/20/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | ARSENIC       | 0.59                | Y           |               |              |           | 0.59                | mg/kg | 2.4    | mg/kg |
| RY584-G      | 10FC-RY584-G-006012-D | 7/20/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | BARIUM        | 11.9                | Y           |               |              |           | 11.9                | mg/kg | 181    | mg/kg |
| RY584-G      | 10FC-RY584-G-006012-D | 7/20/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | BERYLLIUM     | 0.30                | Y           |               |              |           | 0.30                | mg/kg | 0.48   | mg/kg |
| RY584-G      | 10FC-RY584-G-006012-D | 7/20/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | CADMIUM       | 0.30                | Y           | J             |              | J         | 0.30                | mg/kg | 0.05   | mg/kg |
| RY584-G      | 10FC-RY584-G-006012-D | 7/20/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | CHROMIUM      | 0.59                | Y           |               |              |           | 0.59                | mg/kg | 6.7    | mg/kg |
| RY584-G      | 10FC-RY584-G-006012-D | 7/20/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | COBALT        | 3.0                 | Y           |               |              |           | 3.0                 | mg/kg | 6.5    | mg/kg |
| RY584-G      | 10FC-RY584-G-006012-D | 7/20/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | COPPER        | 1.5                 | Y           |               |              |           | 1.5                 | mg/kg | 8.4    | mg/kg |
| RY584-G      | 10FC-RY584-G-006012-D | 7/20/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | VANADIUM      | 3.0                 | Y           |               |              |           | 3.0                 | mg/kg | 12.4   | mg/kg |
| RY584-G      | 10FC-RY584-G-006012-D | 7/20/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | ZINC          | 3.6                 | Y           |               |              |           | 3.6                 | mg/kg | 31     | mg/kg |
| RY584-G      | 10FC-RY584-G-006012-D | 7/20/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | CALCIUM       | 297                 | Y           |               |              |           | 297                 | mg/kg | 1400   | mg/kg |
| RY584-G      | 10FC-RY584-G-006012-D | 7/20/2010   | FD          | 6           | 12        | in         | C200.7          | 10/18/2010    | SELENIUM      | 2.1                 | N           | U             |              | U         | 2.1                 | mg/kg | 2.1    | mg/kg |
| RY505-A      | 10FC-RY505-A-002006   | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | ALUMINUM      | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 13100  | mg/kg |
| RY505-A      | 10FC-RY505-A-002006   | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | IRON          | 10.0                | Y           | J             | J            |           | 10.0                | mg/kg | 12600  | mg/kg |
| RY505-A      | 10FC-RY505-A-002006   | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | LEAD          | 1.0                 | Y           | J             | J            |           | 1.0                 | mg/kg | 13.8   | mg/kg |
| RY505-A      | 10FC-RY505-A-002006   | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 3770   | mg/kg |
| RY505-A      | 10FC-RY505-A-002006   | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 385    | mg/kg |
| RY505-A      | 10FC-RY505-A-002006   | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | NICKEL        | 4.0                 | Y           | J             | J            |           | 4.0                 | mg/kg | 9.3    | mg/kg |
| RY505-A      | 10FC-RY505-A-002006   | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1230   | mg/kg |
| RY505-A      | 10FC-RY505-A-002006   | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | SILVER        | 1.0                 | N           | U             |              | U         | 1.0                 | mg/kg | 1.1    | mg/kg |
| RY505-A      | 10FC-RY505-A-002006   | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | SODIUM        | 500                 | Y           | J             | J            | J         | 500                 | mg/kg | 169    | mg/kg |
| RY505-A      | 10FC-RY505-A-002006   | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.7    | mg/kg |
| RY505-A      | 10FC-RY505-A-002006   | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | ANTIMONY      | 6.0                 | Y           | R             | 6 UJ R       | J         | 6.0                 | mg/kg | 6      | mg/kg |
| RY505-A      | 10FC-RY505-A-002006   | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | ARSENIC       | 1.0                 | Y           | J             | J            |           | 1.0                 | mg/kg | 2.5    | mg/kg |
| RY505-A      | 10FC-RY505-A-002006   | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | BARIUM        | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 138    | mg/kg |
| RY505-A      | 10FC-RY505-A-002006   | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | BERYLLIUM     | 0.50                | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY505-A      | 10FC-RY505-A-002006   | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | CADMIUM       | 0.50                | Y           | J             |              | J         | 0.50                | mg/kg | 0.11   | mg/kg |
| RY505-A      | 10FC-RY505-A-002006   | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | CHROMIUM      | 1.0                 | Y           | J             | J            |           | 1.0                 | mg/kg | 8      | mg/kg |
| RY505-A      | 10FC-RY505-A-002006   | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | COBALT        | 5.0                 | Y           | J             | J            |           | 5.0                 | mg/kg | 6.1    | mg/kg |
| RY505-A      | 10FC-RY505-A-002006   | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 12.7   | mg/kg |
| RY505-A      | 10FC-RY505-A-002006   | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | VANADIUM      | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 15.6   | mg/kg |
| RY505-A      | 10FC-RY505-A-002006   | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 47.8   | mg/kg |
| RY505-A      | 10FC-RY505-A-002006   | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 2590   | mg/kg |
| RY505-A      | 10FC-RY505-A-002006   | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.54   | mg/kg |



Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY505-A      | 10FC-RY505-A-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | ALUMINUM      | 20.0          | Y           |               |              |           | 20.0          | mg/kg | 8020   | mg/kg |
| RY505-A      | 10FC-RY505-A-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | IRON          | 10.0          | Y           | J             | J            |           | 10.0          | mg/kg | 7760   | mg/kg |
| RY505-A      | 10FC-RY505-A-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | LEAD          | 1.0           | Y           | J             | J            |           | 1.0           | mg/kg | 6      | mg/kg |
| RY505-A      | 10FC-RY505-A-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500           | mg/kg | 1980   | mg/kg |
| RY505-A      | 10FC-RY505-A-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | MANGANESE     | 1.5           | Y           | J             | J            |           | 1.5           | mg/kg | 209    | mg/kg |
| RY505-A      | 10FC-RY505-A-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | NICKEL        | 4.0           | Y           | J             | J            | J         | 4.0           | mg/kg | 3.1    | mg/kg |
| RY505-A      | 10FC-RY505-A-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | POTASSIUM     | 500           | Y           |               |              |           | 500           | mg/kg | 709    | mg/kg |
| RY505-A      | 10FC-RY505-A-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | SILVER        | 1.0           | N           | U             |              | U         | 1.0           | mg/kg | 1.1    | mg/kg |
| RY505-A      | 10FC-RY505-A-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | SODIUM        | 500           | Y           | J             | J            | J         | 500           | mg/kg | 131    | mg/kg |
| RY505-A      | 10FC-RY505-A-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5           | mg/kg | 2.7    | mg/kg |
| RY505-A      | 10FC-RY505-A-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | ANTIMONY      | 6.0           | Y           | R             | 6 UJ R       | J         | 6.0           | mg/kg | 6      | mg/kg |
| RY505-A      | 10FC-RY505-A-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | ARSENIC       | 1.0           | Y           | J             | J            | J         | 1.0           | mg/kg | 1.1    | mg/kg |
| RY505-A      | 10FC-RY505-A-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | BARIUM        | 20.0          | Y           |               |              |           | 20.0          | mg/kg | 80.2   | mg/kg |
| RY505-A      | 10FC-RY505-A-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | BERYLLIUM     | 0.50          | Y           | U             | 0.5U         | J         | 0.50          | mg/kg | 0.5    | mg/kg |
| RY505-A      | 10FC-RY505-A-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | CADMIUM       | 0.50          | Y           | J             |              | J         | 0.50          | mg/kg | 0.023  | mg/kg |
| RY505-A      | 10FC-RY505-A-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | CHROMIUM      | 1.0           | Y           | J             | J            |           | 1.0           | mg/kg | 4      | mg/kg |
| RY505-A      | 10FC-RY505-A-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | COBALT        | 5.0           | Y           | J             | J            | J         | 5.0           | mg/kg | 2.2    | mg/kg |
| RY505-A      | 10FC-RY505-A-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | COPPER        | 2.5           | Y           |               |              |           | 2.5           | mg/kg | 4.2    | mg/kg |
| RY505-A      | 10FC-RY505-A-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | VANADIUM      | 5.0           | Y           |               |              |           | 5.0           | mg/kg | 8.7    | mg/kg |
| RY505-A      | 10FC-RY505-A-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | ZINC          | 6.0           | Y           |               |              |           | 6.0           | mg/kg | 16.6   | mg/kg |
| RY505-A      | 10FC-RY505-A-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | CALCIUM       | 500           | Y           |               |              |           | 500           | mg/kg | 1320   | mg/kg |
| RY505-A      | 10FC-RY505-A-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | SELENIUM      | 3.5           | Y           | J             |              | J         | 3.5           | mg/kg | 0.74   | mg/kg |
| RY505-B      | 10FC-RY505-B-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | ALUMINUM      | 20.0          | Y           |               |              |           | 20.0          | mg/kg | 1810   | mg/kg |
| RY505-B      | 10FC-RY505-B-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | IRON          | 10.0          | Y           | J             | J            |           | 10.0          | mg/kg | 1910   | mg/kg |
| RY505-B      | 10FC-RY505-B-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | LEAD          | 1.0           | Y           | J             | J            |           | 1.0           | mg/kg | 4.3    | mg/kg |
| RY505-B      | 10FC-RY505-B-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | MAGNESIUM     | 500           | Y           | J             | J            | J         | 500           | mg/kg | 533    | mg/kg |
| RY505-B      | 10FC-RY505-B-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | MANGANESE     | 1.5           | Y           | J             | J            |           | 1.5           | mg/kg | 69.5   | mg/kg |
| RY505-B      | 10FC-RY505-B-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | NICKEL        | 4.0           | Y           | J             | J            | J         | 4.0           | mg/kg | 1.4    | mg/kg |
| RY505-B      | 10FC-RY505-B-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | POTASSIUM     | 500           | Y           | J             |              | J         | 500           | mg/kg | 211    | mg/kg |
| RY505-B      | 10FC-RY505-B-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | SILVER        | 1.0           | N           | U             |              | U         | 1.0           | mg/kg | 1.1    | mg/kg |
| RY505-B      | 10FC-RY505-B-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | SODIUM        | 500           | Y           | J             | J            | J         | 500           | mg/kg | 46.3   | mg/kg |
| RY505-B      | 10FC-RY505-B-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5           | mg/kg | 2.8    | mg/kg |
| RY505-B      | 10FC-RY505-B-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | ANTIMONY      | 6.0           | Y           | R             | 6 UJ R       | J         | 6.0           | mg/kg | 6      | mg/kg |
| RY505-B      | 10FC-RY505-B-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | ARSENIC       | 1.0           | Y           | J             | J            | J         | 1.0           | mg/kg | 0.45   | mg/kg |
| RY505-B      | 10FC-RY505-B-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | BARIUM        | 20.0          | Y           | J             |              | J         | 20.0          | mg/kg | 20.9   | mg/kg |
| RY505-B      | 10FC-RY505-B-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | BERYLLIUM     | 0.50          | Y           | U             | 0.5U         | J         | 0.50          | mg/kg | 0.5    | mg/kg |
| RY505-B      | 10FC-RY505-B-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | CADMIUM       | 0.50          | Y           | J             |              | J         | 0.50          | mg/kg | 0.16   | mg/kg |
| RY505-B      | 10FC-RY505-B-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | CHROMIUM      | 1.0           | Y           | J             | J            |           | 1.0           | mg/kg | 1.4    | mg/kg |
| RY505-B      | 10FC-RY505-B-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | COBALT        | 5.0           | Y           | J             | J            | J         | 5.0           | mg/kg | 0.88   | mg/kg |
| RY505-B      | 10FC-RY505-B-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | COPPER        | 2.5           | Y           | J             |              | J         | 2.5           | mg/kg | 2.2    | mg/kg |
| RY505-B      | 10FC-RY505-B-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | VANADIUM      | 5.0           | Y           | J             |              | J         | 5.0           | mg/kg | 2.8    | mg/kg |
| RY505-B      | 10FC-RY505-B-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | ZINC          | 6.0           | Y           |               |              |           | 6.0           | mg/kg | 15.6   | mg/kg |
| RY505-B      | 10FC-RY505-B-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | CALCIUM       | 500           | Y           |               |              |           | 500           | mg/kg | 602    | mg/kg |
| RY505-B      | 10FC-RY505-B-000002 | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | SELENIUM      | 3.5           | N           | U             |              | U         | 3.5           | mg/kg | 4      | mg/kg |
| RY505-B      | 10FC-RY505-B-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | ALUMINUM      | 20.0          | Y           |               |              |           | 20.0          | mg/kg | 3350   | mg/kg |
| RY505-B      | 10FC-RY505-B-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | IRON          | 10.0          | Y           | J             | J            |           | 10.0          | mg/kg | 3260   | mg/kg |
| RY505-B      | 10FC-RY505-B-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | LEAD          | 1.0           | Y           | J             | J            |           | 1.0           | mg/kg | 9.2    | mg/kg |
| RY505-B      | 10FC-RY505-B-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500           | mg/kg | 946    | mg/kg |

## Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code       | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-----------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                       |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY505-B      | 10FC-RY505-B-002006   | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | MANGANESE     | 1.5           | Y           | J             | J            |           | 1.5                 | mg/kg | 125    | mg/kg |
| RY505-B      | 10FC-RY505-B-002006   | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | NICKEL        | 4.0           | Y           | J             | J            | J         | 4.0                 | mg/kg | 3.7    | mg/kg |
| RY505-B      | 10FC-RY505-B-002006   | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | POTASSIUM     | 500           | Y           | J             |              | J         | 500                 | mg/kg | 360    | mg/kg |
| RY505-B      | 10FC-RY505-B-002006   | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | SILVER        | 1.0           | N           | U             |              | U         | 1.0                 | mg/kg | 1.1    | mg/kg |
| RY505-B      | 10FC-RY505-B-002006   | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | SODIUM        | 500           | Y           | J             | J            | J         | 500                 | mg/kg | 84.4   | mg/kg |
| RY505-B      | 10FC-RY505-B-002006   | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.8    | mg/kg |
| RY505-B      | 10FC-RY505-B-002006   | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | ANTIMONY      | 6.0           | Y           | R             | 6 UJ R       | J         | 6.0                 | mg/kg | 6      | mg/kg |
| RY505-B      | 10FC-RY505-B-002006   | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | ARSENIC       | 1.0           | Y           | J             | J            | J         | 1.0                 | mg/kg | 0.55   | mg/kg |
| RY505-B      | 10FC-RY505-B-002006   | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | BARIUM        | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 105    | mg/kg |
| RY505-B      | 10FC-RY505-B-002006   | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | BERYLLIUM     | 0.50          | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY505-B      | 10FC-RY505-B-002006   | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | CADMIUM       | 0.50          | Y           | J             |              | J         | 0.50                | mg/kg | 0.32   | mg/kg |
| RY505-B      | 10FC-RY505-B-002006   | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | CHROMIUM      | 1.0           | Y           | J             | J            |           | 1.0                 | mg/kg | 2.9    | mg/kg |
| RY505-B      | 10FC-RY505-B-002006   | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | COBALT        | 5.0           | Y           | J             | J            | J         | 5.0                 | mg/kg | 1.6    | mg/kg |
| RY505-B      | 10FC-RY505-B-002006   | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | COPPER        | 2.5           | Y           |               |              |           | 2.5                 | mg/kg | 8.6    | mg/kg |
| RY505-B      | 10FC-RY505-B-002006   | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | VANADIUM      | 5.0           | Y           |               |              |           | 5.0                 | mg/kg | 5.6    | mg/kg |
| RY505-B      | 10FC-RY505-B-002006   | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | ZINC          | 6.0           | Y           |               |              |           | 6.0                 | mg/kg | 43.6   | mg/kg |
| RY505-B      | 10FC-RY505-B-002006   | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | CALCIUM       | 500           | Y           |               |              |           | 500                 | mg/kg | 1100   | mg/kg |
| RY505-B      | 10FC-RY505-B-002006   | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | SELENIUM      | 3.5           | N           | U             |              | U         | 3.5                 | mg/kg | 3.9    | mg/kg |
| RY505-B      | 10FC-RY505-B-006012   | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | ALUMINUM      | 20.0          | Y           | J             | J            |           | 20.0                | mg/kg | 9600   | mg/kg |
| RY505-B      | 10FC-RY505-B-006012   | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | IRON          | 10.0          | Y           | J             | J            |           | 10.0                | mg/kg | 8430   | mg/kg |
| RY505-B      | 10FC-RY505-B-006012   | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | LEAD          | 1.0           | Y           | J             | J            |           | 1.0                 | mg/kg | 4.9    | mg/kg |
| RY505-B      | 10FC-RY505-B-006012   | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 2560   | mg/kg |
| RY505-B      | 10FC-RY505-B-006012   | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | MANGANESE     | 1.5           | Y           | J             | J            |           | 1.5                 | mg/kg | 254    | mg/kg |
| RY505-B      | 10FC-RY505-B-006012   | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | NICKEL        | 4.0           | Y           | J             | J            | J         | 4.0                 | mg/kg | 3.4    | mg/kg |
| RY505-B      | 10FC-RY505-B-006012   | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | POTASSIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 845    | mg/kg |
| RY505-B      | 10FC-RY505-B-006012   | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | SILVER        | 1.0           | N           | U             |              | U         | 1.0                 | mg/kg | 1.1    | mg/kg |
| RY505-B      | 10FC-RY505-B-006012   | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | SODIUM        | 500           | Y           | J             | J            | J         | 500                 | mg/kg | 161    | mg/kg |
| RY505-B      | 10FC-RY505-B-006012   | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.7    | mg/kg |
| RY505-B      | 10FC-RY505-B-006012   | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | ANTIMONY      | 6.0           | Y           | R             | 6 UJ R       | J         | 6.0                 | mg/kg | 6      | mg/kg |
| RY505-B      | 10FC-RY505-B-006012   | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | ARSENIC       | 1.0           | Y           | J             | J            | J         | 1.0                 | mg/kg | 0.98   | mg/kg |
| RY505-B      | 10FC-RY505-B-006012   | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | BARIUM        | 20.0          | Y           | J             | J            |           | 20.0                | mg/kg | 97.3   | mg/kg |
| RY505-B      | 10FC-RY505-B-006012   | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | BERYLLIUM     | 0.50          | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY505-B      | 10FC-RY505-B-006012   | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | CADMIUM       | 0.50          | Y           | J             |              | J         | 0.50                | mg/kg | 0.078  | mg/kg |
| RY505-B      | 10FC-RY505-B-006012   | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | CHROMIUM      | 1.0           | Y           | J             | J            |           | 1.0                 | mg/kg | 5.5    | mg/kg |
| RY505-B      | 10FC-RY505-B-006012   | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | COBALT        | 5.0           | Y           | J             | J            | J         | 5.0                 | mg/kg | 2.2    | mg/kg |
| RY505-B      | 10FC-RY505-B-006012   | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | COPPER        | 2.5           | Y           |               |              |           | 2.5                 | mg/kg | 5      | mg/kg |
| RY505-B      | 10FC-RY505-B-006012   | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | VANADIUM      | 5.0           | Y           |               |              |           | 5.0                 | mg/kg | 10.1   | mg/kg |
| RY505-B      | 10FC-RY505-B-006012   | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | ZINC          | 6.0           | Y           |               |              |           | 6.0                 | mg/kg | 22.7   | mg/kg |
| RY505-B      | 10FC-RY505-B-006012   | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | CALCIUM       | 500           | Y           | J             | J            |           | 500                 | mg/kg | 1800   | mg/kg |
| RY505-B      | 10FC-RY505-B-006012   | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | SELENIUM      | 3.5           | Y           | J             |              | J         | 3.5                 | mg/kg | 0.95   | mg/kg |
| RY505-B      | 10FC-RY505-B-006012-D | 6/29/2010   | FD          | 6           | 12        | in         | C200.7          | 10/20/2010    | ALUMINUM      | 20.0          | Y           | J             | J            |           | 20.0                | mg/kg | 3200   | mg/kg |
| RY505-B      | 10FC-RY505-B-006012-D | 6/29/2010   | FD          | 6           | 12        | in         | C200.7          | 10/20/2010    | IRON          | 10.0          | Y           | J             | J            |           | 10.0                | mg/kg | 2910   | mg/kg |
| RY505-B      | 10FC-RY505-B-006012-D | 6/29/2010   | FD          | 6           | 12        | in         | C200.7          | 10/20/2010    | LEAD          | 1.0           | Y           | J             | J            |           | 1.0                 | mg/kg | 2.3    | mg/kg |
| RY505-B      | 10FC-RY505-B-006012-D | 6/29/2010   | FD          | 6           | 12        | in         | C200.7          | 10/20/2010    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 843    | mg/kg |
| RY505-B      | 10FC-RY505-B-006012-D | 6/29/2010   | FD          | 6           | 12        | in         | C200.7          | 10/20/2010    | MANGANESE     | 1.5           | Y           | J             | J            |           | 1.5                 | mg/kg | 89.7   | mg/kg |
| RY505-B      | 10FC-RY505-B-006012-D | 6/29/2010   | FD          | 6           | 12        | in         | C200.7          | 10/20/2010    | NICKEL        | 4.0           | Y           | J             | J            | J         | 4.0                 | mg/kg | 2.3    | mg/kg |
| RY505-B      | 10FC-RY505-B-006012-D | 6/29/2010   | FD          | 6           | 12        | in         | C200.7          | 10/20/2010    | POTASSIUM     | 500           | Y           | J             |              | J         | 500                 | mg/kg | 334    | mg/kg |
| RY505-B      | 10FC-RY505-B-006012-D | 6/29/2010   | FD          | 6           | 12        | in         | C200.7          | 10/20/2010    | SILVER        | 1.0           | N           | U             |              | U         | 1.0                 | mg/kg | 1.1    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code       | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-----------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                       |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY505-B      | 10FC-RY505-B-006012-D | 6/29/2010   | FD          | 6           | 12        | in         | C200.7          | 10/20/2010    | SODIUM        | 500           | Y           | J             | J            | J         | 500                 | mg/kg | 59.4   | mg/kg |
| RY505-B      | 10FC-RY505-B-006012-D | 6/29/2010   | FD          | 6           | 12        | in         | C200.7          | 10/20/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.7    | mg/kg |
| RY505-B      | 10FC-RY505-B-006012-D | 6/29/2010   | FD          | 6           | 12        | in         | C200.7          | 10/20/2010    | ANTIMONY      | 6.0           | Y           | R             | 6 UJ R       | J         | 6.0                 | mg/kg | 6      | mg/kg |
| RY505-B      | 10FC-RY505-B-006012-D | 6/29/2010   | FD          | 6           | 12        | in         | C200.7          | 10/20/2010    | ARSENIC       | 1.0           | Y           | J             | J            | J         | 1.0                 | mg/kg | 0.75   | mg/kg |
| RY505-B      | 10FC-RY505-B-006012-D | 6/29/2010   | FD          | 6           | 12        | in         | C200.7          | 10/20/2010    | BARIUM        | 20.0          | Y           | J             | J            |           | 20.0                | mg/kg | 30.3   | mg/kg |
| RY505-B      | 10FC-RY505-B-006012-D | 6/29/2010   | FD          | 6           | 12        | in         | C200.7          | 10/20/2010    | BERYLLIUM     | 0.50          | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY505-B      | 10FC-RY505-B-006012-D | 6/29/2010   | FD          | 6           | 12        | in         | C200.7          | 10/20/2010    | CADMIUM       | 0.50          | Y           | J             |              | J         | 0.50                | mg/kg | 0.031  | mg/kg |
| RY505-B      | 10FC-RY505-B-006012-D | 6/29/2010   | FD          | 6           | 12        | in         | C200.7          | 10/20/2010    | CHROMIUM      | 1.0           | Y           | J             | J            |           | 1.0                 | mg/kg | 1.9    | mg/kg |
| RY505-B      | 10FC-RY505-B-006012-D | 6/29/2010   | FD          | 6           | 12        | in         | C200.7          | 10/20/2010    | COBALT        | 5.0           | Y           | J             | J            | J         | 5.0                 | mg/kg | 1.6    | mg/kg |
| RY505-B      | 10FC-RY505-B-006012-D | 6/29/2010   | FD          | 6           | 12        | in         | C200.7          | 10/20/2010    | COPPER        | 2.5           | Y           |               |              |           | 2.5                 | mg/kg | 2.9    | mg/kg |
| RY505-B      | 10FC-RY505-B-006012-D | 6/29/2010   | FD          | 6           | 12        | in         | C200.7          | 10/20/2010    | VANADIUM      | 5.0           | Y           | J             |              | J         | 5.0                 | mg/kg | 4      | mg/kg |
| RY505-B      | 10FC-RY505-B-006012-D | 6/29/2010   | FD          | 6           | 12        | in         | C200.7          | 10/20/2010    | ZINC          | 6.0           | Y           |               |              |           | 6.0                 | mg/kg | 15.2   | mg/kg |
| RY505-B      | 10FC-RY505-B-006012-D | 6/29/2010   | FD          | 6           | 12        | in         | C200.7          | 10/20/2010    | CALCIUM       | 500           | Y           | J             | J            | J         | 500                 | mg/kg | 502    | mg/kg |
| RY505-B      | 10FC-RY505-B-006012-D | 6/29/2010   | FD          | 6           | 12        | in         | C200.7          | 10/20/2010    | SELENIUM      | 3.5           | N           | U             |              | U         | 3.5                 | mg/kg | 3.8    | mg/kg |
| RY505-C      | 10FC-RY505-C-000002   | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | ALUMINUM      | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 3990   | mg/kg |
| RY505-C      | 10FC-RY505-C-000002   | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | IRON          | 10.0          | Y           | J             | J            |           | 10.0                | mg/kg | 4270   | mg/kg |
| RY505-C      | 10FC-RY505-C-000002   | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | LEAD          | 1.0           | Y           | J             | J            |           | 1.0                 | mg/kg | 6.5    | mg/kg |
| RY505-C      | 10FC-RY505-C-000002   | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 1770   | mg/kg |
| RY505-C      | 10FC-RY505-C-000002   | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | MANGANESE     | 1.5           | Y           | J             | J            |           | 1.5                 | mg/kg | 134    | mg/kg |
| RY505-C      | 10FC-RY505-C-000002   | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | NICKEL        | 4.0           | Y           | J             | J            | J         | 4.0                 | mg/kg | 3.6    | mg/kg |
| RY505-C      | 10FC-RY505-C-000002   | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | POTASSIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 685    | mg/kg |
| RY505-C      | 10FC-RY505-C-000002   | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | SILVER        | 1.0           | Y           | J             |              | J         | 1.0                 | mg/kg | 0.28   | mg/kg |
| RY505-C      | 10FC-RY505-C-000002   | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | SODIUM        | 500           | Y           | J             | J            | J         | 500                 | mg/kg | 88     | mg/kg |
| RY505-C      | 10FC-RY505-C-000002   | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.8    | mg/kg |
| RY505-C      | 10FC-RY505-C-000002   | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | ANTIMONY      | 6.0           | Y           | R             | 6 UJ R       | J         | 6.0                 | mg/kg | 6      | mg/kg |
| RY505-C      | 10FC-RY505-C-000002   | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | ARSENIC       | 1.0           | Y           | J             | J            |           | 1.0                 | mg/kg | 1.3    | mg/kg |
| RY505-C      | 10FC-RY505-C-000002   | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | BARIUM        | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 62.3   | mg/kg |
| RY505-C      | 10FC-RY505-C-000002   | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | BERYLLIUM     | 0.50          | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY505-C      | 10FC-RY505-C-000002   | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | CADMIUM       | 0.50          | Y           | J             |              | J         | 0.50                | mg/kg | 0.1    | mg/kg |
| RY505-C      | 10FC-RY505-C-000002   | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | CHROMIUM      | 1.0           | Y           | J             | J            |           | 1.0                 | mg/kg | 4.1    | mg/kg |
| RY505-C      | 10FC-RY505-C-000002   | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | COBALT        | 5.0           | Y           | J             | J            | J         | 5.0                 | mg/kg | 1.9    | mg/kg |
| RY505-C      | 10FC-RY505-C-000002   | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | COPPER        | 2.5           | Y           |               |              |           | 2.5                 | mg/kg | 8.5    | mg/kg |
| RY505-C      | 10FC-RY505-C-000002   | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | VANADIUM      | 5.0           | Y           | J             |              | J         | 5.0                 | mg/kg | 5.3    | mg/kg |
| RY505-C      | 10FC-RY505-C-000002   | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | ZINC          | 6.0           | Y           |               |              |           | 6.0                 | mg/kg | 41.5   | mg/kg |
| RY505-C      | 10FC-RY505-C-000002   | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | CALCIUM       | 500           | Y           |               |              |           | 500                 | mg/kg | 3090   | mg/kg |
| RY505-C      | 10FC-RY505-C-000002   | 6/29/2010   | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | SELENIUM      | 3.5           | N           | U             |              | U         | 3.5                 | mg/kg | 3.9    | mg/kg |
| RY505-C      | 10FC-RY505-C-002006   | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | ALUMINUM      | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 2110   | mg/kg |
| RY505-C      | 10FC-RY505-C-002006   | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | IRON          | 10.0          | Y           | J             | J            |           | 10.0                | mg/kg | 1970   | mg/kg |
| RY505-C      | 10FC-RY505-C-002006   | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | LEAD          | 1.0           | Y           | J             | J            |           | 1.0                 | mg/kg | 3.9    | mg/kg |
| RY505-C      | 10FC-RY505-C-002006   | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 647    | mg/kg |
| RY505-C      | 10FC-RY505-C-002006   | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | MANGANESE     | 1.5           | Y           | J             | J            |           | 1.5                 | mg/kg | 76.5   | mg/kg |
| RY505-C      | 10FC-RY505-C-002006   | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | NICKEL        | 4.0           | Y           | J             | J            | J         | 4.0                 | mg/kg | 2      | mg/kg |
| RY505-C      | 10FC-RY505-C-002006   | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | POTASSIUM     | 500           | Y           | J             |              | J         | 500                 | mg/kg | 409    | mg/kg |
| RY505-C      | 10FC-RY505-C-002006   | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | SILVER        | 1.0           | Y           | J             |              | J         | 1.0                 | mg/kg | 0.13   | mg/kg |
| RY505-C      | 10FC-RY505-C-002006   | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | SODIUM        | 500           | Y           | J             | J            | J         | 500                 | mg/kg | 54.5   | mg/kg |
| RY505-C      | 10FC-RY505-C-002006   | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.9    | mg/kg |
| RY505-C      | 10FC-RY505-C-002006   | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | ANTIMONY      | 6.0           | Y           | R             | 6 UJ R       | J         | 6.0                 | mg/kg | 6      | mg/kg |
| RY505-C      | 10FC-RY505-C-002006   | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | ARSENIC       | 1.0           | Y           | J             | J            | J         | 1.0                 | mg/kg | 0.61   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY505-C      | 10FC-RY505-C-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | BARIUM        | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 33.7   | mg/kg |
| RY505-C      | 10FC-RY505-C-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | BERYLLIUM     | 0.50                | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY505-C      | 10FC-RY505-C-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | CADMIUM       | 0.50                | Y           | J             |              | J         | 0.50                | mg/kg | 0.066  | mg/kg |
| RY505-C      | 10FC-RY505-C-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | CHROMIUM      | 1.0                 | Y           | J             | J            |           | 1.0                 | mg/kg | 2.1    | mg/kg |
| RY505-C      | 10FC-RY505-C-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | COBALT        | 5.0                 | Y           | J             | J            | J         | 5.0                 | mg/kg | 0.98   | mg/kg |
| RY505-C      | 10FC-RY505-C-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 4.9    | mg/kg |
| RY505-C      | 10FC-RY505-C-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | VANADIUM      | 5.0                 | Y           | J             |              | J         | 5.0                 | mg/kg | 2.9    | mg/kg |
| RY505-C      | 10FC-RY505-C-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 24.8   | mg/kg |
| RY505-C      | 10FC-RY505-C-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 1200   | mg/kg |
| RY505-C      | 10FC-RY505-C-002006 | 6/29/2010   | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 4      | mg/kg |
| RY505-C      | 10FC-RY505-C-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | ALUMINUM      | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 7250   | mg/kg |
| RY505-C      | 10FC-RY505-C-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | IRON          | 10.0                | Y           | J             | J            |           | 10.0                | mg/kg | 7050   | mg/kg |
| RY505-C      | 10FC-RY505-C-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | LEAD          | 1.0                 | Y           | J             | J            |           | 1.0                 | mg/kg | 7.7    | mg/kg |
| RY505-C      | 10FC-RY505-C-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 2310   | mg/kg |
| RY505-C      | 10FC-RY505-C-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 217    | mg/kg |
| RY505-C      | 10FC-RY505-C-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | NICKEL        | 4.0                 | Y           | J             | J            | J         | 4.0                 | mg/kg | 3.4    | mg/kg |
| RY505-C      | 10FC-RY505-C-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1000   | mg/kg |
| RY505-C      | 10FC-RY505-C-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | SILVER        | 1.0                 | Y           | J             |              | J         | 1.0                 | mg/kg | 0.47   | mg/kg |
| RY505-C      | 10FC-RY505-C-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | SODIUM        | 500                 | Y           | J             | J            | J         | 500                 | mg/kg | 148    | mg/kg |
| RY505-C      | 10FC-RY505-C-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.7    | mg/kg |
| RY505-C      | 10FC-RY505-C-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | ANTIMONY      | 6.0                 | Y           | R             | 6 UJ R       | J         | 6.0                 | mg/kg | 6      | mg/kg |
| RY505-C      | 10FC-RY505-C-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | ARSENIC       | 1.0                 | Y           | J             | J            |           | 1.0                 | mg/kg | 1.5    | mg/kg |
| RY505-C      | 10FC-RY505-C-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | BARIUM        | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 109    | mg/kg |
| RY505-C      | 10FC-RY505-C-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | BERYLLIUM     | 0.50                | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY505-C      | 10FC-RY505-C-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | CADMIUM       | 0.50                | Y           | J             |              | J         | 0.50                | mg/kg | 0.18   | mg/kg |
| RY505-C      | 10FC-RY505-C-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | CHROMIUM      | 1.0                 | Y           | J             | J            |           | 1.0                 | mg/kg | 5.7    | mg/kg |
| RY505-C      | 10FC-RY505-C-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | COBALT        | 5.0                 | Y           | J             | J            | J         | 5.0                 | mg/kg | 1.6    | mg/kg |
| RY505-C      | 10FC-RY505-C-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 29.3   | mg/kg |
| RY505-C      | 10FC-RY505-C-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | VANADIUM      | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 9      | mg/kg |
| RY505-C      | 10FC-RY505-C-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 36.4   | mg/kg |
| RY505-C      | 10FC-RY505-C-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 13800  | mg/kg |
| RY505-C      | 10FC-RY505-C-006012 | 6/29/2010   | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 1      | mg/kg |
| RY507-A      | 10FC-RY507-A-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | ALUMINUM      | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 2070   | mg/kg |
| RY507-A      | 10FC-RY507-A-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | IRON          | 10.0                | Y           | J             | J            |           | 10.0                | mg/kg | 2130   | mg/kg |
| RY507-A      | 10FC-RY507-A-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | LEAD          | 1.0                 | Y           | J             | J            |           | 1.0                 | mg/kg | 2.8    | mg/kg |
| RY507-A      | 10FC-RY507-A-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 797    | mg/kg |
| RY507-A      | 10FC-RY507-A-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 63.9   | mg/kg |
| RY507-A      | 10FC-RY507-A-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | NICKEL        | 4.0                 | Y           | J             | J            | J         | 4.0                 | mg/kg | 0.95   | mg/kg |
| RY507-A      | 10FC-RY507-A-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | POTASSIUM     | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 300    | mg/kg |
| RY507-A      | 10FC-RY507-A-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | SILVER        | 1.0                 | N           | U             |              | U         | 1.0                 | mg/kg | 1.1    | mg/kg |
| RY507-A      | 10FC-RY507-A-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | SODIUM        | 500                 | Y           | J             | J            | J         | 500                 | mg/kg | 61.2   | mg/kg |
| RY507-A      | 10FC-RY507-A-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.7    | mg/kg |
| RY507-A      | 10FC-RY507-A-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | ANTIMONY      | 6.0                 | Y           | R             | 6 UJ R       | J         | 6.0                 | mg/kg | 6      | mg/kg |
| RY507-A      | 10FC-RY507-A-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | ARSENIC       | 1.0                 | Y           | J             | J            | J         | 1.0                 | mg/kg | 0.75   | mg/kg |
| RY507-A      | 10FC-RY507-A-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | BARIUM        | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 27.7   | mg/kg |
| RY507-A      | 10FC-RY507-A-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | BERYLLIUM     | 0.50                | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY507-A      | 10FC-RY507-A-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | CADMIUM       | 0.50                | Y           | J             |              | J         | 0.50                | mg/kg | 0.014  | mg/kg |
| RY507-A      | 10FC-RY507-A-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | CHROMIUM      | 1.0                 | Y           | J             | J            |           | 1.0                 | mg/kg | 1.4    | mg/kg |

## Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY507-A      | 10FC-RY507-A-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | COBALT        | 5.0           | Y           | J             | J            | J         | 5.0                 | mg/kg | 0.61   | mg/kg |
| RY507-A      | 10FC-RY507-A-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | COPPER        | 2.5           | Y           | J             |              | J         | 2.5                 | mg/kg | 1.6    | mg/kg |
| RY507-A      | 10FC-RY507-A-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | VANADIUM      | 5.0           | Y           | J             |              | J         | 5.0                 | mg/kg | 2.3    | mg/kg |
| RY507-A      | 10FC-RY507-A-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | ZINC          | 6.0           | Y           |               |              |           | 6.0                 | mg/kg | 9.5    | mg/kg |
| RY507-A      | 10FC-RY507-A-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | CALCIUM       | 500           | Y           |               |              |           | 500                 | mg/kg | 869    | mg/kg |
| RY507-A      | 10FC-RY507-A-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | SELENIUM      | 3.5           | N           | U             |              | U         | 3.5                 | mg/kg | 3.8    | mg/kg |
| RY507-A      | 10FC-RY507-A-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | ALUMINUM      | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 2030   | mg/kg |
| RY507-A      | 10FC-RY507-A-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | IRON          | 10.0          | Y           | J             | J            |           | 10.0                | mg/kg | 2140   | mg/kg |
| RY507-A      | 10FC-RY507-A-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | LEAD          | 1.0           | Y           | J             | J            |           | 1.0                 | mg/kg | 2.7    | mg/kg |
| RY507-A      | 10FC-RY507-A-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 716    | mg/kg |
| RY507-A      | 10FC-RY507-A-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | MANGANESE     | 1.5           | Y           | J             | J            |           | 1.5                 | mg/kg | 77.6   | mg/kg |
| RY507-A      | 10FC-RY507-A-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | NICKEL        | 4.0           | Y           | J             | J            | J         | 4.0                 | mg/kg | 1.7    | mg/kg |
| RY507-A      | 10FC-RY507-A-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | POTASSIUM     | 500           | Y           | J             |              | J         | 500                 | mg/kg | 275    | mg/kg |
| RY507-A      | 10FC-RY507-A-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | SILVER        | 1.0           | N           | U             |              | U         | 1.0                 | mg/kg | 1.1    | mg/kg |
| RY507-A      | 10FC-RY507-A-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | SODIUM        | 500           | Y           | J             | J            | J         | 500                 | mg/kg | 66.3   | mg/kg |
| RY507-A      | 10FC-RY507-A-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.7    | mg/kg |
| RY507-A      | 10FC-RY507-A-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | ANTIMONY      | 6.0           | Y           | R             | 6 UJ R       | J         | 6.0                 | mg/kg | 6      | mg/kg |
| RY507-A      | 10FC-RY507-A-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | ARSENIC       | 1.0           | Y           | J             | J            | J         | 1.0                 | mg/kg | 0.7    | mg/kg |
| RY507-A      | 10FC-RY507-A-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | BARIUM        | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 25.4   | mg/kg |
| RY507-A      | 10FC-RY507-A-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | BERYLLIUM     | 0.50          | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY507-A      | 10FC-RY507-A-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | CADMIUM       | 0.50          | Y           | J             |              | J         | 0.50                | mg/kg | 0.031  | mg/kg |
| RY507-A      | 10FC-RY507-A-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | CHROMIUM      | 1.0           | Y           | J             | J            |           | 1.0                 | mg/kg | 1.7    | mg/kg |
| RY507-A      | 10FC-RY507-A-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | COBALT        | 5.0           | Y           | J             | J            | J         | 5.0                 | mg/kg | 1.1    | mg/kg |
| RY507-A      | 10FC-RY507-A-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | COPPER        | 2.5           | Y           | J             |              | J         | 2.5                 | mg/kg | 2.3    | mg/kg |
| RY507-A      | 10FC-RY507-A-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | VANADIUM      | 5.0           | Y           | J             |              | J         | 5.0                 | mg/kg | 3      | mg/kg |
| RY507-A      | 10FC-RY507-A-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | ZINC          | 6.0           | Y           |               |              |           | 6.0                 | mg/kg | 13.3   | mg/kg |
| RY507-A      | 10FC-RY507-A-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | CALCIUM       | 500           | Y           |               |              |           | 500                 | mg/kg | 625    | mg/kg |
| RY507-A      | 10FC-RY507-A-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | SELENIUM      | 3.5           | N           | U             |              | U         | 3.5                 | mg/kg | 3.8    | mg/kg |
| RY507-A      | 10FC-RY507-A-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | ALUMINUM      | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 1840   | mg/kg |
| RY507-A      | 10FC-RY507-A-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | IRON          | 10.0          | Y           | J             | J            |           | 10.0                | mg/kg | 2020   | mg/kg |
| RY507-A      | 10FC-RY507-A-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | LEAD          | 1.0           | Y           | J             | J            |           | 1.0                 | mg/kg | 2.2    | mg/kg |
| RY507-A      | 10FC-RY507-A-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 660    | mg/kg |
| RY507-A      | 10FC-RY507-A-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | MANGANESE     | 1.5           | Y           | J             | J            |           | 1.5                 | mg/kg | 63.2   | mg/kg |
| RY507-A      | 10FC-RY507-A-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | NICKEL        | 4.0           | Y           | J             | J            | J         | 4.0                 | mg/kg | 1.6    | mg/kg |
| RY507-A      | 10FC-RY507-A-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | POTASSIUM     | 500           | Y           | J             |              | J         | 500                 | mg/kg | 260    | mg/kg |
| RY507-A      | 10FC-RY507-A-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | SILVER        | 1.0           | N           | U             |              | U         | 1.0                 | mg/kg | 1.1    | mg/kg |
| RY507-A      | 10FC-RY507-A-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | SODIUM        | 500           | Y           | J             | J            | J         | 500                 | mg/kg | 62     | mg/kg |
| RY507-A      | 10FC-RY507-A-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.7    | mg/kg |
| RY507-A      | 10FC-RY507-A-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | ANTIMONY      | 6.0           | Y           | R             | 6 UJ R       | J         | 6.0                 | mg/kg | 6      | mg/kg |
| RY507-A      | 10FC-RY507-A-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | ARSENIC       | 1.0           | Y           | J             | J            | J         | 1.0                 | mg/kg | 0.78   | mg/kg |
| RY507-A      | 10FC-RY507-A-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | BARIUM        | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 26.5   | mg/kg |
| RY507-A      | 10FC-RY507-A-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | BERYLLIUM     | 0.50          | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY507-A      | 10FC-RY507-A-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | CADMIUM       | 0.50          | N           | U             |              | U         | 0.50                | mg/kg | 0.54   | mg/kg |
| RY507-A      | 10FC-RY507-A-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | CHROMIUM      | 1.0           | Y           | J             | J            |           | 1.0                 | mg/kg | 1.6    | mg/kg |
| RY507-A      | 10FC-RY507-A-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | COBALT        | 5.0           | Y           | J             | J            | J         | 5.0                 | mg/kg | 1      | mg/kg |
| RY507-A      | 10FC-RY507-A-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | COPPER        | 2.5           | Y           | J             |              | J         | 2.5                 | mg/kg | 2.4    | mg/kg |
| RY507-A      | 10FC-RY507-A-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | VANADIUM      | 5.0           | Y           | J             |              | J         | 5.0                 | mg/kg | 2.7    | mg/kg |
| RY507-A      | 10FC-RY507-A-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | ZINC          | 6.0           | Y           |               |              |           | 6.0                 | mg/kg | 11.7   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report | detect flag | interp. quals | valid. quals | lab quals | report | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|--------|-------------|---------------|--------------|-----------|--------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | result |             |               |              |           | detect |       |        |       |
| RY507-A      | 10FC-RY507-A-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | CALCIUM       | 500    | Y           | J             |              | J         | 500    | mg/kg | 536    | mg/kg |
| RY507-A      | 10FC-RY507-A-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | SELENIUM      | 3.5    | N           | U             |              | U         | 3.5    | mg/kg | 3.8    | mg/kg |
| RY507-B      | 10FC-RY507-B-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | ALUMINUM      | 20.0   | Y           |               |              |           | 20.0   | mg/kg | 2180   | mg/kg |
| RY507-B      | 10FC-RY507-B-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | IRON          | 10.0   | Y           | J             | J            |           | 10.0   | mg/kg | 2420   | mg/kg |
| RY507-B      | 10FC-RY507-B-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | LEAD          | 1.0    | Y           | J             | J            |           | 1.0    | mg/kg | 3.3    | mg/kg |
| RY507-B      | 10FC-RY507-B-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | MAGNESIUM     | 500    | Y           | J             | J            |           | 500    | mg/kg | 887    | mg/kg |
| RY507-B      | 10FC-RY507-B-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | MANGANESE     | 1.5    | Y           | J             | J            |           | 1.5    | mg/kg | 63     | mg/kg |
| RY507-B      | 10FC-RY507-B-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | NICKEL        | 4.0    | Y           | J             | J            | J         | 4.0    | mg/kg | 1.6    | mg/kg |
| RY507-B      | 10FC-RY507-B-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | POTASSIUM     | 500    | Y           | J             |              | J         | 500    | mg/kg | 366    | mg/kg |
| RY507-B      | 10FC-RY507-B-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | SILVER        | 1.0    | N           | U             |              | U         | 1.0    | mg/kg | 1.1    | mg/kg |
| RY507-B      | 10FC-RY507-B-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | SODIUM        | 500    | Y           | J             | J            | J         | 500    | mg/kg | 70     | mg/kg |
| RY507-B      | 10FC-RY507-B-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | THALLIUM      | 2.5    | N           | U             |              | U         | 2.5    | mg/kg | 2.7    | mg/kg |
| RY507-B      | 10FC-RY507-B-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | ANTIMONY      | 6.0    | Y           | R             | 6 UJ R       | J         | 6.0    | mg/kg | 6      | mg/kg |
| RY507-B      | 10FC-RY507-B-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | ARSENIC       | 1.0    | Y           | J             | J            |           | 1.0    | mg/kg | 1.2    | mg/kg |
| RY507-B      | 10FC-RY507-B-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | BARIUM        | 20.0   | Y           |               |              |           | 20.0   | mg/kg | 24.7   | mg/kg |
| RY507-B      | 10FC-RY507-B-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | BERYLLIUM     | 0.50   | Y           | U             | 0.5U         | J         | 0.50   | mg/kg | 0.5    | mg/kg |
| RY507-B      | 10FC-RY507-B-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | CADMIUM       | 0.50   | Y           | J             |              | J         | 0.50   | mg/kg | 0.031  | mg/kg |
| RY507-B      | 10FC-RY507-B-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | CHROMIUM      | 1.0    | Y           | J             | J            |           | 1.0    | mg/kg | 1.9    | mg/kg |
| RY507-B      | 10FC-RY507-B-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | COBALT        | 5.0    | Y           | J             | J            | J         | 5.0    | mg/kg | 1      | mg/kg |
| RY507-B      | 10FC-RY507-B-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | COPPER        | 2.5    | Y           | J             |              | J         | 2.5    | mg/kg | 2.3    | mg/kg |
| RY507-B      | 10FC-RY507-B-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | VANADIUM      | 5.0    | Y           | J             |              | J         | 5.0    | mg/kg | 3.3    | mg/kg |
| RY507-B      | 10FC-RY507-B-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | ZINC          | 6.0    | Y           |               |              |           | 6.0    | mg/kg | 12.4   | mg/kg |
| RY507-B      | 10FC-RY507-B-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | CALCIUM       | 500    | Y           | J             |              | J         | 500    | mg/kg | 495    | mg/kg |
| RY507-B      | 10FC-RY507-B-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | SELENIUM      | 3.5    | N           | U             |              | U         | 3.5    | mg/kg | 3.7    | mg/kg |
| RY507-B      | 10FC-RY507-B-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | ALUMINUM      | 20.0   | Y           |               |              |           | 20.0   | mg/kg | 3620   | mg/kg |
| RY507-B      | 10FC-RY507-B-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | IRON          | 10.0   | Y           | J             | J            |           | 10.0   | mg/kg | 4270   | mg/kg |
| RY507-B      | 10FC-RY507-B-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | LEAD          | 1.0    | Y           | J             | J            |           | 1.0    | mg/kg | 30.6   | mg/kg |
| RY507-B      | 10FC-RY507-B-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | MAGNESIUM     | 500    | Y           | J             | J            |           | 500    | mg/kg | 1540   | mg/kg |
| RY507-B      | 10FC-RY507-B-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | MANGANESE     | 1.5    | Y           | J             | J            |           | 1.5    | mg/kg | 99.1   | mg/kg |
| RY507-B      | 10FC-RY507-B-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | NICKEL        | 4.0    | Y           | J             | J            | J         | 4.0    | mg/kg | 2.3    | mg/kg |
| RY507-B      | 10FC-RY507-B-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | POTASSIUM     | 500    | Y           |               |              |           | 500    | mg/kg | 586    | mg/kg |
| RY507-B      | 10FC-RY507-B-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | SILVER        | 1.0    | Y           | J             |              | J         | 1.0    | mg/kg | 0.17   | mg/kg |
| RY507-B      | 10FC-RY507-B-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | SODIUM        | 500    | Y           | J             | J            | J         | 500    | mg/kg | 119    | mg/kg |
| RY507-B      | 10FC-RY507-B-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | THALLIUM      | 2.5    | N           | U             |              | U         | 2.5    | mg/kg | 2.8    | mg/kg |
| RY507-B      | 10FC-RY507-B-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | ANTIMONY      | 6.0    | Y           | R             | 6 UJ R       | J         | 6.0    | mg/kg | 6      | mg/kg |
| RY507-B      | 10FC-RY507-B-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | ARSENIC       | 1.0    | Y           | J             | J            |           | 1.0    | mg/kg | 23.1   | mg/kg |
| RY507-B      | 10FC-RY507-B-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | BARIUM        | 20.0   | Y           |               |              |           | 20.0   | mg/kg | 41.1   | mg/kg |
| RY507-B      | 10FC-RY507-B-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | BERYLLIUM     | 0.50   | Y           | U             | 0.5U         | J         | 0.50   | mg/kg | 0.5    | mg/kg |
| RY507-B      | 10FC-RY507-B-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | CADMIUM       | 0.50   | Y           |               |              |           | 0.50   | mg/kg | 0.74   | mg/kg |
| RY507-B      | 10FC-RY507-B-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | CHROMIUM      | 1.0    | Y           | J             | J            |           | 1.0    | mg/kg | 2.9    | mg/kg |
| RY507-B      | 10FC-RY507-B-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | COBALT        | 5.0    | Y           | J             | J            | J         | 5.0    | mg/kg | 1.6    | mg/kg |
| RY507-B      | 10FC-RY507-B-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | COPPER        | 2.5    | Y           |               |              |           | 2.5    | mg/kg | 2.9    | mg/kg |
| RY507-B      | 10FC-RY507-B-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | VANADIUM      | 5.0    | Y           | J             |              | J         | 5.0    | mg/kg | 5      | mg/kg |
| RY507-B      | 10FC-RY507-B-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | ZINC          | 6.0    | Y           |               |              |           | 6.0    | mg/kg | 75.9   | mg/kg |
| RY507-B      | 10FC-RY507-B-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | CALCIUM       | 500    | Y           |               |              |           | 500    | mg/kg | 775    | mg/kg |
| RY507-B      | 10FC-RY507-B-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/20/2010    | SELENIUM      | 3.5    | N           | U             |              | U         | 3.5    | mg/kg | 3.9    | mg/kg |
| RY507-B      | 10FC-RY507-B-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | ALUMINUM      | 20.0   | Y           |               |              |           | 20.0   | mg/kg | 2180   | mg/kg |
| RY507-B      | 10FC-RY507-B-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | IRON          | 10.0   | Y           | J             | J            |           | 10.0   | mg/kg | 2510   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY507-B      | 10FC-RY507-B-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | LEAD          | 1.0           | Y           | J             | J            |           | 1.0                 | mg/kg | 3.6    | mg/kg |
| RY507-B      | 10FC-RY507-B-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 820    | mg/kg |
| RY507-B      | 10FC-RY507-B-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | MANGANESE     | 1.5           | Y           | J             | J            |           | 1.5                 | mg/kg | 69.8   | mg/kg |
| RY507-B      | 10FC-RY507-B-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | NICKEL        | 4.0           | Y           | J             | J            | J         | 4.0                 | mg/kg | 2      | mg/kg |
| RY507-B      | 10FC-RY507-B-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | POTASSIUM     | 500           | Y           | J             |              | J         | 500                 | mg/kg | 376    | mg/kg |
| RY507-B      | 10FC-RY507-B-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | SILVER        | 1.0           | N           | U             |              | U         | 1.0                 | mg/kg | 1.1    | mg/kg |
| RY507-B      | 10FC-RY507-B-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | SODIUM        | 500           | Y           | J             | J            | J         | 500                 | mg/kg | 78.5   | mg/kg |
| RY507-B      | 10FC-RY507-B-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.9    | mg/kg |
| RY507-B      | 10FC-RY507-B-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | ANTIMONY      | 6.0           | Y           | R             | 6 UJ R       | J         | 6.0                 | mg/kg | 6      | mg/kg |
| RY507-B      | 10FC-RY507-B-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | ARSENIC       | 1.0           | Y           | J             | J            |           | 1.0                 | mg/kg | 1.5    | mg/kg |
| RY507-B      | 10FC-RY507-B-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | BARIUM        | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 25.7   | mg/kg |
| RY507-B      | 10FC-RY507-B-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | BERYLLIUM     | 0.50          | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY507-B      | 10FC-RY507-B-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | CADMIUM       | 0.50          | Y           | J             |              | J         | 0.50                | mg/kg | 0.043  | mg/kg |
| RY507-B      | 10FC-RY507-B-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | CHROMIUM      | 1.0           | Y           | J             | J            |           | 1.0                 | mg/kg | 1.9    | mg/kg |
| RY507-B      | 10FC-RY507-B-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | COBALT        | 5.0           | Y           | J             | J            | J         | 5.0                 | mg/kg | 1.3    | mg/kg |
| RY507-B      | 10FC-RY507-B-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | COPPER        | 2.5           | Y           |               |              |           | 2.5                 | mg/kg | 2.9    | mg/kg |
| RY507-B      | 10FC-RY507-B-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | VANADIUM      | 5.0           | Y           | J             |              | J         | 5.0                 | mg/kg | 3.9    | mg/kg |
| RY507-B      | 10FC-RY507-B-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | ZINC          | 6.0           | Y           |               |              |           | 6.0                 | mg/kg | 17.6   | mg/kg |
| RY507-B      | 10FC-RY507-B-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | CALCIUM       | 500           | Y           | J             |              | J         | 500                 | mg/kg | 495    | mg/kg |
| RY507-B      | 10FC-RY507-B-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/20/2010    | SELENIUM      | 3.5           | N           | U             |              | U         | 3.5                 | mg/kg | 4      | mg/kg |
| RY507-C      | 10FC-RY507-C-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | ALUMINUM      | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 3600   | mg/kg |
| RY507-C      | 10FC-RY507-C-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | IRON          | 10.0          | Y           | J             | J            |           | 10.0                | mg/kg | 4280   | mg/kg |
| RY507-C      | 10FC-RY507-C-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | LEAD          | 1.0           | Y           | J             | J            |           | 1.0                 | mg/kg | 15.3   | mg/kg |
| RY507-C      | 10FC-RY507-C-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 1150   | mg/kg |
| RY507-C      | 10FC-RY507-C-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | MANGANESE     | 1.5           | Y           | J             | J            |           | 1.5                 | mg/kg | 148    | mg/kg |
| RY507-C      | 10FC-RY507-C-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | NICKEL        | 4.0           | Y           | J             | J            | J         | 4.0                 | mg/kg | 2.9    | mg/kg |
| RY507-C      | 10FC-RY507-C-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | POTASSIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 593    | mg/kg |
| RY507-C      | 10FC-RY507-C-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | SILVER        | 1.0           | N           | U             |              | U         | 1.0                 | mg/kg | 1.1    | mg/kg |
| RY507-C      | 10FC-RY507-C-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | SODIUM        | 500           | Y           | J             | J            | J         | 500                 | mg/kg | 98.6   | mg/kg |
| RY507-C      | 10FC-RY507-C-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.7    | mg/kg |
| RY507-C      | 10FC-RY507-C-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | ANTIMONY      | 6.0           | Y           | R             | 6 UJ R       | J         | 6.0                 | mg/kg | 6      | mg/kg |
| RY507-C      | 10FC-RY507-C-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | ARSENIC       | 1.0           | Y           | J             | J            |           | 1.0                 | mg/kg | 1.6    | mg/kg |
| RY507-C      | 10FC-RY507-C-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | BARIUM        | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 63.4   | mg/kg |
| RY507-C      | 10FC-RY507-C-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | BERYLLIUM     | 0.50          | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY507-C      | 10FC-RY507-C-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | CADMIUM       | 0.50          | Y           | J             |              | J         | 0.50                | mg/kg | 0.15   | mg/kg |
| RY507-C      | 10FC-RY507-C-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | CHROMIUM      | 1.0           | Y           | J             | J            |           | 1.0                 | mg/kg | 3.9    | mg/kg |
| RY507-C      | 10FC-RY507-C-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | COBALT        | 5.0           | Y           | J             | J            | J         | 5.0                 | mg/kg | 1.7    | mg/kg |
| RY507-C      | 10FC-RY507-C-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | COPPER        | 2.5           | Y           |               |              |           | 2.5                 | mg/kg | 9.3    | mg/kg |
| RY507-C      | 10FC-RY507-C-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | VANADIUM      | 5.0           | Y           | J             |              | J         | 5.0                 | mg/kg | 5.2    | mg/kg |
| RY507-C      | 10FC-RY507-C-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | ZINC          | 6.0           | Y           |               |              |           | 6.0                 | mg/kg | 49.5   | mg/kg |
| RY507-C      | 10FC-RY507-C-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | CALCIUM       | 500           | Y           |               |              |           | 500                 | mg/kg | 1300   | mg/kg |
| RY507-C      | 10FC-RY507-C-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/20/2010    | SELENIUM      | 3.5           | N           | U             |              | U         | 3.5                 | mg/kg | 3.8    | mg/kg |
| RY507-C      | 10FC-RY507-C-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | ALUMINUM      | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 3080   | mg/kg |
| RY507-C      | 10FC-RY507-C-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | IRON          | 10.0          | Y           | J             | J            |           | 10.0                | mg/kg | 3280   | mg/kg |
| RY507-C      | 10FC-RY507-C-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | LEAD          | 1.0           | Y           | J             | J            |           | 1.0                 | mg/kg | 28.2   | mg/kg |
| RY507-C      | 10FC-RY507-C-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | MAGNESIUM     | 500           | Y           | J             | J            |           | 500                 | mg/kg | 1020   | mg/kg |
| RY507-C      | 10FC-RY507-C-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | MANGANESE     | 1.5           | Y           | J             | J            |           | 1.5                 | mg/kg | 114    | mg/kg |
| RY507-C      | 10FC-RY507-C-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | NICKEL        | 4.0           | Y           | J             | J            | J         | 4.0                 | mg/kg | 2.7    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY507-C      | 10FC-RY507-C-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | POTASSIUM     | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 426    | mg/kg |
| RY507-C      | 10FC-RY507-C-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | SILVER        | 1.0                 | N           | U             |              | U         | 1.0                 | mg/kg | 1.1    | mg/kg |
| RY507-C      | 10FC-RY507-C-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | SODIUM        | 500                 | Y           | J             | J            | J         | 500                 | mg/kg | 78.2   | mg/kg |
| RY507-C      | 10FC-RY507-C-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.7    | mg/kg |
| RY507-C      | 10FC-RY507-C-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | ANTIMONY      | 6.0                 | Y           | R             | 6 UJ R       | J         | 6.0                 | mg/kg | 6      | mg/kg |
| RY507-C      | 10FC-RY507-C-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | ARSENIC       | 1.0                 | Y           | J             | J            |           | 1.0                 | mg/kg | 1.2    | mg/kg |
| RY507-C      | 10FC-RY507-C-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | BARIUM        | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 47.9   | mg/kg |
| RY507-C      | 10FC-RY507-C-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | BERYLLIUM     | 0.50                | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY507-C      | 10FC-RY507-C-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | CADMIUM       | 0.50                | Y           | J             | J            | J         | 0.50                | mg/kg | 0.11   | mg/kg |
| RY507-C      | 10FC-RY507-C-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | CHROMIUM      | 1.0                 | Y           | J             | J            |           | 1.0                 | mg/kg | 3      | mg/kg |
| RY507-C      | 10FC-RY507-C-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | COBALT        | 5.0                 | Y           | J             | J            | J         | 5.0                 | mg/kg | 1.7    | mg/kg |
| RY507-C      | 10FC-RY507-C-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 7.1    | mg/kg |
| RY507-C      | 10FC-RY507-C-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | VANADIUM      | 5.0                 | Y           | J             |              | J         | 5.0                 | mg/kg | 4.5    | mg/kg |
| RY507-C      | 10FC-RY507-C-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 48     | mg/kg |
| RY507-C      | 10FC-RY507-C-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 854    | mg/kg |
| RY507-C      | 10FC-RY507-C-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.8    | mg/kg |
| RY507-C      | 10FC-RY507-C-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | ALUMINUM      | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 2630   | mg/kg |
| RY507-C      | 10FC-RY507-C-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | IRON          | 10.0                | Y           | J             | J            |           | 10.0                | mg/kg | 2770   | mg/kg |
| RY507-C      | 10FC-RY507-C-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | LEAD          | 1.0                 | Y           | J             | J            |           | 1.0                 | mg/kg | 9.5    | mg/kg |
| RY507-C      | 10FC-RY507-C-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 884    | mg/kg |
| RY507-C      | 10FC-RY507-C-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 99.8   | mg/kg |
| RY507-C      | 10FC-RY507-C-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | NICKEL        | 4.0                 | Y           | J             | J            | J         | 4.0                 | mg/kg | 2.2    | mg/kg |
| RY507-C      | 10FC-RY507-C-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | POTASSIUM     | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 394    | mg/kg |
| RY507-C      | 10FC-RY507-C-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | SILVER        | 1.0                 | N           | U             |              | U         | 1.0                 | mg/kg | 1.1    | mg/kg |
| RY507-C      | 10FC-RY507-C-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | SODIUM        | 500                 | Y           | J             | J            | J         | 500                 | mg/kg | 73.1   | mg/kg |
| RY507-C      | 10FC-RY507-C-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.7    | mg/kg |
| RY507-C      | 10FC-RY507-C-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | ANTIMONY      | 6.0                 | Y           | R             | 6 UJ R       | J         | 6.0                 | mg/kg | 6      | mg/kg |
| RY507-C      | 10FC-RY507-C-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | ARSENIC       | 1.0                 | Y           | J             | J            | J         | 1.0                 | mg/kg | 0.85   | mg/kg |
| RY507-C      | 10FC-RY507-C-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | BARIUM        | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 40.7   | mg/kg |
| RY507-C      | 10FC-RY507-C-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | BERYLLIUM     | 0.50                | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY507-C      | 10FC-RY507-C-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | CADMIUM       | 0.50                | Y           | J             |              | J         | 0.50                | mg/kg | 0.057  | mg/kg |
| RY507-C      | 10FC-RY507-C-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | CHROMIUM      | 1.0                 | Y           | J             | J            |           | 1.0                 | mg/kg | 2.6    | mg/kg |
| RY507-C      | 10FC-RY507-C-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | COBALT        | 5.0                 | Y           | J             | J            | J         | 5.0                 | mg/kg | 1.4    | mg/kg |
| RY507-C      | 10FC-RY507-C-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 4.8    | mg/kg |
| RY507-C      | 10FC-RY507-C-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | VANADIUM      | 5.0                 | Y           | J             |              | J         | 5.0                 | mg/kg | 4      | mg/kg |
| RY507-C      | 10FC-RY507-C-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 31.5   | mg/kg |
| RY507-C      | 10FC-RY507-C-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 848    | mg/kg |
| RY507-C      | 10FC-RY507-C-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.8    | mg/kg |
| RY507-D      | 10FC-RY507-D-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | ALUMINUM      | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 2430   | mg/kg |
| RY507-D      | 10FC-RY507-D-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | IRON          | 10.0                | Y           | J             | J            |           | 10.0                | mg/kg | 3110   | mg/kg |
| RY507-D      | 10FC-RY507-D-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | LEAD          | 1.0                 | Y           | J             | J            |           | 1.0                 | mg/kg | 7.4    | mg/kg |
| RY507-D      | 10FC-RY507-D-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | MAGNESIUM     | 500                 | Y           | J             | J            |           | 500                 | mg/kg | 1430   | mg/kg |
| RY507-D      | 10FC-RY507-D-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 90.5   | mg/kg |
| RY507-D      | 10FC-RY507-D-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | NICKEL        | 4.0                 | Y           | J             | J            | J         | 4.0                 | mg/kg | 2.3    | mg/kg |
| RY507-D      | 10FC-RY507-D-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 538    | mg/kg |
| RY507-D      | 10FC-RY507-D-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | SILVER        | 1.0                 | N           | U             |              | U         | 1.0                 | mg/kg | 1.1    | mg/kg |
| RY507-D      | 10FC-RY507-D-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | SODIUM        | 500                 | Y           | J             | J            | J         | 500                 | mg/kg | 89.9   | mg/kg |
| RY507-D      | 10FC-RY507-D-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | THALLIUM      | 2.5                 | Y           | J             |              | J         | 2.5                 | mg/kg | 0.24   | mg/kg |



Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY507-D      | 10FC-RY507-D-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | ANTIMONY      | 6.0                 | Y           | R             | 6 UJ R       | J         | 6.0                 | mg/kg | 6      | mg/kg |
| RY507-D      | 10FC-RY507-D-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | ARSENIC       | 1.0                 | Y           | J             | J            |           | 1.0                 | mg/kg | 1.8    | mg/kg |
| RY507-D      | 10FC-RY507-D-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | BARIUM        | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 30.5   | mg/kg |
| RY507-D      | 10FC-RY507-D-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | BERYLLIUM     | 0.50                | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY507-D      | 10FC-RY507-D-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | CADMIUM       | 0.50                | Y           | J             |              | J         | 0.50                | mg/kg | 0.22   | mg/kg |
| RY507-D      | 10FC-RY507-D-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | CHROMIUM      | 1.0                 | Y           | J             | J            |           | 1.0                 | mg/kg | 2.2    | mg/kg |
| RY507-D      | 10FC-RY507-D-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | COBALT        | 5.0                 | Y           | J             | J            | J         | 5.0                 | mg/kg | 1.5    | mg/kg |
| RY507-D      | 10FC-RY507-D-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 3.6    | mg/kg |
| RY507-D      | 10FC-RY507-D-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | VANADIUM      | 5.0                 | Y           | J             |              | J         | 5.0                 | mg/kg | 3.5    | mg/kg |
| RY507-D      | 10FC-RY507-D-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 13.4   | mg/kg |
| RY507-D      | 10FC-RY507-D-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 1900   | mg/kg |
| RY507-D      | 10FC-RY507-D-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.42   | mg/kg |
| RY489-D      | 10FC-RY489-D-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | COBALT        | 5.0                 | Y           | J             | J            |           | 5.0                 | mg/kg | 6.1    | mg/kg |
| RY489-D      | 10FC-RY489-D-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 13.4   | mg/kg |
| RY489-D      | 10FC-RY489-D-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | VANADIUM      | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 10.4   | mg/kg |
| RY489-D      | 10FC-RY489-D-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 33.4   | mg/kg |
| RY489-D      | 10FC-RY489-D-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 18600  | mg/kg |
| RY489-D      | 10FC-RY489-D-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | SELENIUM      | 3.5                 | Y           | U             | 3.5U         | J         | 3.5                 | mg/kg | 3.5    | mg/kg |
| RY489-D      | 10FC-RY489-D-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | ALUMINUM      | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 6520   | mg/kg |
| RY489-D      | 10FC-RY489-D-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | IRON          | 10.0                | Y           |               |              |           | 10.0                | mg/kg | 9760   | mg/kg |
| RY489-D      | 10FC-RY489-D-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | LEAD          | 1.0                 | Y           | J+            | J+           |           | 1.0                 | mg/kg | 5.6    | mg/kg |
| RY489-D      | 10FC-RY489-D-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 4320   | mg/kg |
| RY489-D      | 10FC-RY489-D-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | MANGANESE     | 1.5                 | Y           | J-            | J-           |           | 1.5                 | mg/kg | 395    | mg/kg |
| RY489-D      | 10FC-RY489-D-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | NICKEL        | 4.0                 | Y           | J             | J            |           | 4.0                 | mg/kg | 8.5    | mg/kg |
| RY489-D      | 10FC-RY489-D-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1290   | mg/kg |
| RY489-D      | 10FC-RY489-D-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | SILVER        | 1.0                 | Y           | J             |              | J         | 1.0                 | mg/kg | 0.29   | mg/kg |
| RY489-D      | 10FC-RY489-D-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 62.5   | mg/kg |
| RY489-D      | 10FC-RY489-D-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.5    | mg/kg |
| RY489-D      | 10FC-RY489-D-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | ANTIMONY      | 6.0                 | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 6.1    | mg/kg |
| RY489-D      | 10FC-RY489-D-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | ARSENIC       | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 4.2    | mg/kg |
| RY489-D      | 10FC-RY489-D-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | BARIUM        | 20.0                | Y           | J             | J            |           | 20.0                | mg/kg | 117    | mg/kg |
| RY489-D      | 10FC-RY489-D-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | BERYLLIUM     | 0.50                | Y           | J             |              | J         | 0.50                | mg/kg | 0.21   | mg/kg |
| RY489-D      | 10FC-RY489-D-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | CADMIUM       | 0.50                | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY489-D      | 10FC-RY489-D-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | CHROMIUM      | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 5.9    | mg/kg |
| RY489-D      | 10FC-RY489-D-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | COBALT        | 5.0                 | Y           | J             | J            | J         | 5.0                 | mg/kg | 4.9    | mg/kg |
| RY489-D      | 10FC-RY489-D-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 11.1   | mg/kg |
| RY489-D      | 10FC-RY489-D-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | VANADIUM      | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 10.3   | mg/kg |
| RY489-D      | 10FC-RY489-D-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 26     | mg/kg |
| RY489-D      | 10FC-RY489-D-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 11000  | mg/kg |
| RY489-D      | 10FC-RY489-D-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | SELENIUM      | 3.5                 | Y           | U             | 3.5U         | J         | 3.5                 | mg/kg | 3.5    | mg/kg |
| RY489-E      | 10FC-RY489-E-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | ALUMINUM      | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 8070   | mg/kg |
| RY489-E      | 10FC-RY489-E-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | IRON          | 10.0                | Y           |               |              |           | 10.0                | mg/kg | 7880   | mg/kg |
| RY489-E      | 10FC-RY489-E-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | LEAD          | 1.0                 | Y           | J+            | J+           |           | 1.0                 | mg/kg | 6.7    | mg/kg |
| RY489-E      | 10FC-RY489-E-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2760   | mg/kg |
| RY489-E      | 10FC-RY489-E-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | MANGANESE     | 1.5                 | Y           | J-            | J-           |           | 1.5                 | mg/kg | 312    | mg/kg |
| RY489-E      | 10FC-RY489-E-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | NICKEL        | 4.0                 | Y           | J             | J            |           | 4.0                 | mg/kg | 4.7    | mg/kg |
| RY489-E      | 10FC-RY489-E-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1550   | mg/kg |
| RY489-E      | 10FC-RY489-E-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | SILVER        | 1.0                 | Y           | J             |              | J         | 1.0                 | mg/kg | 0.27   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY489-E      | 10FC-RY489-E-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 161    | mg/kg |
| RY489-E      | 10FC-RY489-E-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.8    | mg/kg |
| RY489-E      | 10FC-RY489-E-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | ANTIMONY      | 6.0                 | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 6.6    | mg/kg |
| RY489-E      | 10FC-RY489-E-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | ARSENIC       | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 2.1    | mg/kg |
| RY489-E      | 10FC-RY489-E-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | BARIUM        | 20.0                | Y           | J             | J            |           | 20.0                | mg/kg | 166    | mg/kg |
| RY489-E      | 10FC-RY489-E-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | BERYLLIUM     | 0.50                | Y           | J             |              | J         | 0.50                | mg/kg | 0.12   | mg/kg |
| RY489-E      | 10FC-RY489-E-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | CADMIUM       | 0.50                | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY489-E      | 10FC-RY489-E-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | CHROMIUM      | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 5.1    | mg/kg |
| RY489-E      | 10FC-RY489-E-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | COBALT        | 5.0                 | Y           | J             | J            | J         | 5.0                 | mg/kg | 3.1    | mg/kg |
| RY489-E      | 10FC-RY489-E-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 10.7   | mg/kg |
| RY489-E      | 10FC-RY489-E-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | VANADIUM      | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 8.3    | mg/kg |
| RY489-E      | 10FC-RY489-E-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 91.6   | mg/kg |
| RY489-E      | 10FC-RY489-E-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 9110   | mg/kg |
| RY489-E      | 10FC-RY489-E-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/24/2010    | SELENIUM      | 3.5                 | Y           | U             | 3.5U         | J         | 3.5                 | mg/kg | 3.5    | mg/kg |
| RY489-E      | 10FC-RY489-E-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | ALUMINUM      | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 8590   | mg/kg |
| RY489-E      | 10FC-RY489-E-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | IRON          | 10.0                | Y           |               |              |           | 10.0                | mg/kg | 8400   | mg/kg |
| RY489-E      | 10FC-RY489-E-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | LEAD          | 1.0                 | Y           | J+            | J+           |           | 1.0                 | mg/kg | 6      | mg/kg |
| RY489-E      | 10FC-RY489-E-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2480   | mg/kg |
| RY489-E      | 10FC-RY489-E-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | MANGANESE     | 1.5                 | Y           | J-            | J-           |           | 1.5                 | mg/kg | 446    | mg/kg |
| RY489-E      | 10FC-RY489-E-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | NICKEL        | 4.0                 | Y           | J             | J            |           | 4.0                 | mg/kg | 5.1    | mg/kg |
| RY489-E      | 10FC-RY489-E-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1570   | mg/kg |
| RY489-E      | 10FC-RY489-E-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | SILVER        | 1.0                 | Y           | J             |              | J         | 1.0                 | mg/kg | 0.28   | mg/kg |
| RY489-E      | 10FC-RY489-E-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 117    | mg/kg |
| RY489-E      | 10FC-RY489-E-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY489-E      | 10FC-RY489-E-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | ANTIMONY      | 6.0                 | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 6.1    | mg/kg |
| RY489-E      | 10FC-RY489-E-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | ARSENIC       | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 2.2    | mg/kg |
| RY489-E      | 10FC-RY489-E-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | BARIUM        | 20.0                | Y           | J             | J            |           | 20.0                | mg/kg | 177    | mg/kg |
| RY489-E      | 10FC-RY489-E-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | BERYLLIUM     | 0.50                | Y           | J             |              | J         | 0.50                | mg/kg | 0.15   | mg/kg |
| RY489-E      | 10FC-RY489-E-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | CADMIUM       | 0.50                | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY489-E      | 10FC-RY489-E-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | CHROMIUM      | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 5.3    | mg/kg |
| RY489-E      | 10FC-RY489-E-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | COBALT        | 5.0                 | Y           | J             | J            | J         | 5.0                 | mg/kg | 4.1    | mg/kg |
| RY489-E      | 10FC-RY489-E-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 8.3    | mg/kg |
| RY489-E      | 10FC-RY489-E-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | VANADIUM      | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 9.4    | mg/kg |
| RY489-E      | 10FC-RY489-E-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 44.8   | mg/kg |
| RY489-E      | 10FC-RY489-E-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 3310   | mg/kg |
| RY489-E      | 10FC-RY489-E-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/24/2010    | SELENIUM      | 3.5                 | Y           | U             | 3.5U         | J         | 3.5                 | mg/kg | 3.5    | mg/kg |
| RY489-E      | 10FC-RY489-E-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | ALUMINUM      | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 9200   | mg/kg |
| RY489-E      | 10FC-RY489-E-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | IRON          | 10.0                | Y           |               |              |           | 10.0                | mg/kg | 8840   | mg/kg |
| RY489-E      | 10FC-RY489-E-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | LEAD          | 1.0                 | Y           | J+            | J+           |           | 1.0                 | mg/kg | 7      | mg/kg |
| RY489-E      | 10FC-RY489-E-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2680   | mg/kg |
| RY489-E      | 10FC-RY489-E-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | MANGANESE     | 1.5                 | Y           | J-            | J-           |           | 1.5                 | mg/kg | 329    | mg/kg |
| RY489-E      | 10FC-RY489-E-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | NICKEL        | 4.0                 | Y           | J             | J            |           | 4.0                 | mg/kg | 5.1    | mg/kg |
| RY489-E      | 10FC-RY489-E-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1690   | mg/kg |
| RY489-E      | 10FC-RY489-E-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | SILVER        | 1.0                 | Y           | J             |              | J         | 1.0                 | mg/kg | 0.34   | mg/kg |
| RY489-E      | 10FC-RY489-E-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 138    | mg/kg |
| RY489-E      | 10FC-RY489-E-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.8    | mg/kg |
| RY489-E      | 10FC-RY489-E-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | ANTIMONY      | 6.0                 | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 6.6    | mg/kg |
| RY489-E      | 10FC-RY489-E-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | ARSENIC       | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 2.1    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY489-E      | 10FC-RY489-E-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | BARIUM        | 20.0          | Y           | J             | J            |           | 20.0                | mg/kg | 176    | mg/kg |
| RY489-E      | 10FC-RY489-E-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | BERYLLIUM     | 0.50          | Y           | J             |              | J         | 0.50                | mg/kg | 0.14   | mg/kg |
| RY489-E      | 10FC-RY489-E-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | CADMIUM       | 0.50          | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY489-E      | 10FC-RY489-E-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | CHROMIUM      | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 5.7    | mg/kg |
| RY489-E      | 10FC-RY489-E-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | COBALT        | 5.0           | Y           | J             | J            | J         | 5.0                 | mg/kg | 3.8    | mg/kg |
| RY489-E      | 10FC-RY489-E-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | COPPER        | 2.5           | Y           |               |              |           | 2.5                 | mg/kg | 11.4   | mg/kg |
| RY489-E      | 10FC-RY489-E-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | VANADIUM      | 5.0           | Y           |               |              |           | 5.0                 | mg/kg | 10.2   | mg/kg |
| RY489-E      | 10FC-RY489-E-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | ZINC          | 6.0           | Y           |               |              |           | 6.0                 | mg/kg | 60.1   | mg/kg |
| RY489-E      | 10FC-RY489-E-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | CALCIUM       | 500           | Y           |               |              |           | 500                 | mg/kg | 5300   | mg/kg |
| RY489-E      | 10FC-RY489-E-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/24/2010    | SELENIUM      | 3.5           | Y           | U             | 3.5U         | J         | 3.5                 | mg/kg | 3.5    | mg/kg |
| RY506-L      | 10FC-RY506-L-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | ALUMINUM      | 14.5          | Y           |               |              |           | 14.5                | mg/kg | 8020   | mg/kg |
| RY506-L      | 10FC-RY506-L-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | IRON          | 7.3           | Y           |               |              |           | 7.3                 | mg/kg | 13200  | mg/kg |
| RY506-L      | 10FC-RY506-L-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | LEAD          | 0.73          | Y           | J-            | J-           |           | 0.73                | mg/kg | 212    | mg/kg |
| RY506-L      | 10FC-RY506-L-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | MAGNESIUM     | 363           | Y           |               |              |           | 363                 | mg/kg | 4540   | mg/kg |
| RY506-L      | 10FC-RY506-L-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | MANGANESE     | 1.1           | Y           |               |              |           | 1.1                 | mg/kg | 337    | mg/kg |
| RY506-L      | 10FC-RY506-L-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | NICKEL        | 2.9           | Y           |               |              |           | 2.9                 | mg/kg | 8.9    | mg/kg |
| RY506-L      | 10FC-RY506-L-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | POTASSIUM     | 363           | Y           |               |              |           | 363                 | mg/kg | 1450   | mg/kg |
| RY506-L      | 10FC-RY506-L-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | SILVER        | 0.73          | Y           | J             |              | J         | 0.73                | mg/kg | 0.36   | mg/kg |
| RY506-L      | 10FC-RY506-L-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | SODIUM        | 363           | Y           | J             |              | J         | 363                 | mg/kg | 251    | mg/kg |
| RY506-L      | 10FC-RY506-L-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | THALLIUM      | 1.8           | N           | U             |              | U         | 1.8                 | mg/kg | 1.8    | mg/kg |
| RY506-L      | 10FC-RY506-L-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | ANTIMONY      | 4.4           | Y           |               |              |           | 4.4                 | mg/kg | 9.8    | mg/kg |
| RY506-L      | 10FC-RY506-L-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | ARSENIC       | 0.73          | Y           |               |              |           | 0.73                | mg/kg | 19     | mg/kg |
| RY506-L      | 10FC-RY506-L-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | BARIUM        | 14.5          | Y           |               |              |           | 14.5                | mg/kg | 163    | mg/kg |
| RY506-L      | 10FC-RY506-L-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | BERYLLIUM     | 0.36          | Y           |               |              |           | 0.36                | mg/kg | 0.51   | mg/kg |
| RY506-L      | 10FC-RY506-L-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | CADMIUM       | 0.36          | Y           |               |              |           | 0.36                | mg/kg | 1.2    | mg/kg |
| RY506-L      | 10FC-RY506-L-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | CHROMIUM      | 0.73          | Y           |               |              |           | 0.73                | mg/kg | 8      | mg/kg |
| RY506-L      | 10FC-RY506-L-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | COBALT        | 3.6           | Y           |               |              |           | 3.6                 | mg/kg | 5.5    | mg/kg |
| RY506-L      | 10FC-RY506-L-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | COPPER        | 1.8           | Y           |               |              |           | 1.8                 | mg/kg | 26.9   | mg/kg |
| RY506-L      | 10FC-RY506-L-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | VANADIUM      | 3.6           | Y           |               |              |           | 3.6                 | mg/kg | 13.9   | mg/kg |
| RY506-L      | 10FC-RY506-L-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | ZINC          | 4.4           | Y           |               |              |           | 4.4                 | mg/kg | 187    | mg/kg |
| RY506-L      | 10FC-RY506-L-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | CALCIUM       | 363           | Y           |               |              |           | 363                 | mg/kg | 6760   | mg/kg |
| RY506-L      | 10FC-RY506-L-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | SELENIUM      | 2.5           | Y           | J             |              | J         | 2.5                 | mg/kg | 1.9    | mg/kg |
| RY506-L      | 10FC-RY506-L-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | ALUMINUM      | 21.5          | Y           |               |              |           | 21.5                | mg/kg | 8760   | mg/kg |
| RY506-L      | 10FC-RY506-L-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | IRON          | 10.8          | Y           |               |              |           | 10.8                | mg/kg | 13500  | mg/kg |
| RY506-L      | 10FC-RY506-L-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | LEAD          | 1.1           | Y           | J-            | J-           |           | 1.1                 | mg/kg | 122    | mg/kg |
| RY506-L      | 10FC-RY506-L-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | MAGNESIUM     | 538           | Y           |               |              |           | 538                 | mg/kg | 4390   | mg/kg |
| RY506-L      | 10FC-RY506-L-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | MANGANESE     | 1.6           | Y           |               |              |           | 1.6                 | mg/kg | 328    | mg/kg |
| RY506-L      | 10FC-RY506-L-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | NICKEL        | 4.3           | Y           |               |              |           | 4.3                 | mg/kg | 8.9    | mg/kg |
| RY506-L      | 10FC-RY506-L-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | POTASSIUM     | 538           | Y           |               |              |           | 538                 | mg/kg | 1400   | mg/kg |
| RY506-L      | 10FC-RY506-L-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | SILVER        | 1.1           | N           | U             |              | U         | 1.1                 | mg/kg | 1.1    | mg/kg |
| RY506-L      | 10FC-RY506-L-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | SODIUM        | 538           | Y           | J             |              | J         | 538                 | mg/kg | 262    | mg/kg |
| RY506-L      | 10FC-RY506-L-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | THALLIUM      | 2.7           | N           | U             |              | U         | 2.7                 | mg/kg | 2.7    | mg/kg |
| RY506-L      | 10FC-RY506-L-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | ANTIMONY      | 6.5           | Y           |               |              |           | 6.5                 | mg/kg | 7.2    | mg/kg |
| RY506-L      | 10FC-RY506-L-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | ARSENIC       | 1.1           | Y           |               |              |           | 1.1                 | mg/kg | 12.8   | mg/kg |
| RY506-L      | 10FC-RY506-L-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | BARIUM        | 21.5          | Y           |               |              |           | 21.5                | mg/kg | 182    | mg/kg |
| RY506-L      | 10FC-RY506-L-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | BERYLLIUM     | 0.54          | Y           |               |              |           | 0.54                | mg/kg | 0.59   | mg/kg |
| RY506-L      | 10FC-RY506-L-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | CADMIUM       | 0.54          | Y           |               |              |           | 0.54                | mg/kg | 0.64   | mg/kg |
| RY506-L      | 10FC-RY506-L-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | CHROMIUM      | 1.1           | Y           |               |              |           | 1.1                 | mg/kg | 8.6    | mg/kg |

## Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report       | detect flag | interp. quals | valid. quals | lab quals | report       | result | unit        |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|--------------|-------------|---------------|--------------|-----------|--------------|--------|-------------|
|              |                     |             |             |             |           |            |                 |               |               | result limit |             |               |              |           | detect limit |        |             |
| RY506-L      | 10FC-RY506-L-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | COBALT        | 5.4          | Y           |               |              |           | 5.4          | mg/kg  | 5.4 mg/kg   |
| RY506-L      | 10FC-RY506-L-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | COPPER        | 2.7          | Y           |               |              |           | 2.7          | mg/kg  | 27.8 mg/kg  |
| RY506-L      | 10FC-RY506-L-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | VANADIUM      | 5.4          | Y           |               |              |           | 5.4          | mg/kg  | 16 mg/kg    |
| RY506-L      | 10FC-RY506-L-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | ZINC          | 6.5          | Y           |               |              |           | 6.5          | mg/kg  | 124 mg/kg   |
| RY506-L      | 10FC-RY506-L-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | CALCIUM       | 538          | Y           |               |              |           | 538          | mg/kg  | 5450 mg/kg  |
| RY506-L      | 10FC-RY506-L-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | SELENIUM      | 3.8          | Y           | J             |              | J         | 3.8          | mg/kg  | 1.9 mg/kg   |
| RY512-B      | 10FC-RY512-B-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | ALUMINUM      | 15.5         | Y           |               |              |           | 15.5         | mg/kg  | 3530 mg/kg  |
| RY512-B      | 10FC-RY512-B-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | ANTIMONY      | 4.7          | Y           | J             |              | J         | 4.7          | mg/kg  | 1.1 mg/kg   |
| RY512-B      | 10FC-RY512-B-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | ARSENIC       | 0.78         | Y           |               |              |           | 0.78         | mg/kg  | 11.8 mg/kg  |
| RY512-B      | 10FC-RY512-B-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | BARIUM        | 15.5         | Y           |               |              |           | 15.5         | mg/kg  | 40.9 mg/kg  |
| RY512-B      | 10FC-RY512-B-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | BERYLLIUM     | 0.39         | Y           | J             |              | J         | 0.39         | mg/kg  | 0.22 mg/kg  |
| RY512-B      | 10FC-RY512-B-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | CADMIUM       | 0.39         | Y           | J             |              | J         | 0.39         | mg/kg  | 0.2 mg/kg   |
| RY512-B      | 10FC-RY512-B-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | IRON          | 7.8          | Y           |               |              |           | 7.8          | mg/kg  | 12200 mg/kg |
| RY512-B      | 10FC-RY512-B-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | LEAD          | 0.78         | Y           | J-            |              | J-        | 0.78         | mg/kg  | 56.9 mg/kg  |
| RY512-B      | 10FC-RY512-B-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 388          | Y           |               |              |           | 388          | mg/kg  | 1920 mg/kg  |
| RY512-B      | 10FC-RY512-B-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | MANGANESE     | 1.2          | Y           |               |              |           | 1.2          | mg/kg  | 189 mg/kg   |
| RY512-B      | 10FC-RY512-B-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | NICKEL        | 3.1          | Y           |               |              |           | 3.1          | mg/kg  | 13.7 mg/kg  |
| RY512-B      | 10FC-RY512-B-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | POTASSIUM     | 388          | Y           |               |              |           | 388          | mg/kg  | 636 mg/kg   |
| RY512-B      | 10FC-RY512-B-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | SILVER        | 0.78         | N           | U             |              | U         | 0.78         | mg/kg  | 0.78 mg/kg  |
| RY512-B      | 10FC-RY512-B-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | SODIUM        | 388          | Y           | J             |              | J         | 388          | mg/kg  | 197 mg/kg   |
| RY512-B      | 10FC-RY512-B-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | THALLIUM      | 1.9          | N           | U             |              | U         | 1.9          | mg/kg  | 1.9 mg/kg   |
| RY512-B      | 10FC-RY512-B-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | CHROMIUM      | 0.78         | Y           |               |              |           | 0.78         | mg/kg  | 3 mg/kg     |
| RY512-B      | 10FC-RY512-B-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | COBALT        | 3.9          | Y           |               |              |           | 3.9          | mg/kg  | 5.7 mg/kg   |
| RY512-B      | 10FC-RY512-B-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | COPPER        | 1.9          | Y           |               |              |           | 1.9          | mg/kg  | 24.2 mg/kg  |
| RY512-B      | 10FC-RY512-B-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | VANADIUM      | 3.9          | Y           | J             |              | J         | 3.9          | mg/kg  | 3.7 mg/kg   |
| RY512-B      | 10FC-RY512-B-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | ZINC          | 4.7          | Y           |               |              |           | 4.7          | mg/kg  | 50.1 mg/kg  |
| RY512-B      | 10FC-RY512-B-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | CALCIUM       | 1940         | Y           |               |              |           | 1940         | mg/kg  | 36000 mg/kg |
| RY512-B      | 10FC-RY512-B-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | SELENIUM      | 2.7          | Y           | J             |              | J         | 2.7          | mg/kg  | 1.8 mg/kg   |
| RY512-C      | 10FC-RY512-C-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | ALUMINUM      | 15.7         | Y           |               |              |           | 15.7         | mg/kg  | 6970 mg/kg  |
| RY512-C      | 10FC-RY512-C-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | IRON          | 7.8          | Y           |               |              |           | 7.8          | mg/kg  | 15700 mg/kg |
| RY512-C      | 10FC-RY512-C-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | LEAD          | 0.78         | Y           | J-            |              | J-        | 0.78         | mg/kg  | 116 mg/kg   |
| RY512-C      | 10FC-RY512-C-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | MAGNESIUM     | 392          | Y           |               |              |           | 392          | mg/kg  | 3390 mg/kg  |
| RY512-C      | 10FC-RY512-C-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | MANGANESE     | 1.2          | Y           |               |              |           | 1.2          | mg/kg  | 351 mg/kg   |
| RY512-C      | 10FC-RY512-C-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | NICKEL        | 3.1          | Y           |               |              |           | 3.1          | mg/kg  | 9.1 mg/kg   |
| RY512-C      | 10FC-RY512-C-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | POTASSIUM     | 392          | Y           |               |              |           | 392          | mg/kg  | 1060 mg/kg  |
| RY512-C      | 10FC-RY512-C-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | SILVER        | 0.78         | N           | U             |              | U         | 0.78         | mg/kg  | 0.78 mg/kg  |
| RY512-C      | 10FC-RY512-C-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | SODIUM        | 392          | Y           | J             |              | J         | 392          | mg/kg  | 208 mg/kg   |
| RY512-C      | 10FC-RY512-C-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | THALLIUM      | 2.0          | N           | U             |              | U         | 2.0          | mg/kg  | 2 mg/kg     |
| RY512-C      | 10FC-RY512-C-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | ANTIMONY      | 4.7          | Y           | J             |              | J         | 4.7          | mg/kg  | 3.7 mg/kg   |
| RY512-C      | 10FC-RY512-C-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | ARSENIC       | 0.78         | Y           |               |              |           | 0.78         | mg/kg  | 12.6 mg/kg  |
| RY512-C      | 10FC-RY512-C-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | BARIUM        | 15.7         | Y           |               |              |           | 15.7         | mg/kg  | 116 mg/kg   |
| RY512-C      | 10FC-RY512-C-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | BERYLLIUM     | 0.39         | Y           | J             |              | J         | 0.39         | mg/kg  | 0.39 mg/kg  |
| RY512-C      | 10FC-RY512-C-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | CADMIUM       | 0.39         | Y           |               |              |           | 0.39         | mg/kg  | 0.46 mg/kg  |
| RY512-C      | 10FC-RY512-C-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | CHROMIUM      | 0.78         | Y           |               |              |           | 0.78         | mg/kg  | 6.3 mg/kg   |
| RY512-C      | 10FC-RY512-C-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | COBALT        | 3.9          | Y           |               |              |           | 3.9          | mg/kg  | 5.5 mg/kg   |
| RY512-C      | 10FC-RY512-C-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | COPPER        | 2.0          | Y           |               |              |           | 2.0          | mg/kg  | 34.4 mg/kg  |
| RY512-C      | 10FC-RY512-C-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | VANADIUM      | 3.9          | Y           |               |              |           | 3.9          | mg/kg  | 9.4 mg/kg   |
| RY512-C      | 10FC-RY512-C-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | ZINC          | 4.7          | Y           |               |              |           | 4.7          | mg/kg  | 565 mg/kg   |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY512-C      | 10FC-RY512-C-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | CALCIUM       | 392           | Y           |               |              |           | 392           | mg/kg | 7390   | mg/kg |
| RY512-C      | 10FC-RY512-C-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | SELENIUM      | 2.7           | Y           | J             |              | J         | 2.7           | mg/kg | 2.3    | mg/kg |
| RY512-C      | 10FC-RY512-C-006012 | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | ALUMINUM      | 16.6          | Y           |               |              |           | 16.6          | mg/kg | 7030   | mg/kg |
| RY512-C      | 10FC-RY512-C-006012 | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | IRON          | 8.3           | Y           |               |              |           | 8.3           | mg/kg | 14600  | mg/kg |
| RY512-C      | 10FC-RY512-C-006012 | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | LEAD          | 0.83          | Y           | J-            | J-           |           | 0.83          | mg/kg | 108    | mg/kg |
| RY512-C      | 10FC-RY512-C-006012 | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | MAGNESIUM     | 416           | Y           |               |              |           | 416           | mg/kg | 3560   | mg/kg |
| RY512-C      | 10FC-RY512-C-006012 | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | MANGANESE     | 1.2           | Y           |               |              |           | 1.2           | mg/kg | 365    | mg/kg |
| RY512-C      | 10FC-RY512-C-006012 | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | NICKEL        | 3.3           | Y           |               |              |           | 3.3           | mg/kg | 9.1    | mg/kg |
| RY512-C      | 10FC-RY512-C-006012 | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | POTASSIUM     | 416           | Y           |               |              |           | 416           | mg/kg | 1030   | mg/kg |
| RY512-C      | 10FC-RY512-C-006012 | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | SILVER        | 0.83          | N           | U             |              | U         | 0.83          | mg/kg | 0.83   | mg/kg |
| RY512-C      | 10FC-RY512-C-006012 | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | SODIUM        | 416           | Y           | J             |              | J         | 416           | mg/kg | 236    | mg/kg |
| RY512-C      | 10FC-RY512-C-006012 | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | THALLIUM      | 2.1           | N           | U             |              | U         | 2.1           | mg/kg | 2.1    | mg/kg |
| RY512-C      | 10FC-RY512-C-006012 | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | ANTIMONY      | 5.0           | Y           | J             |              | J         | 5.0           | mg/kg | 3.5    | mg/kg |
| RY512-C      | 10FC-RY512-C-006012 | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | ARSENIC       | 0.83          | Y           |               |              |           | 0.83          | mg/kg | 12     | mg/kg |
| RY512-C      | 10FC-RY512-C-006012 | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | BARIUM        | 16.6          | Y           |               |              |           | 16.6          | mg/kg | 127    | mg/kg |
| RY512-C      | 10FC-RY512-C-006012 | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | BERYLLIUM     | 0.42          | Y           | J             |              | J         | 0.42          | mg/kg | 0.37   | mg/kg |
| RY512-C      | 10FC-RY512-C-006012 | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | CADMIUM       | 0.42          | Y           |               |              |           | 0.42          | mg/kg | 0.49   | mg/kg |
| RY512-C      | 10FC-RY512-C-006012 | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | CHROMIUM      | 0.83          | Y           |               |              |           | 0.83          | mg/kg | 6.3    | mg/kg |
| RY512-C      | 10FC-RY512-C-006012 | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | COBALT        | 4.2           | Y           |               |              |           | 4.2           | mg/kg | 5.7    | mg/kg |
| RY512-C      | 10FC-RY512-C-006012 | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | COPPER        | 2.1           | Y           |               |              |           | 2.1           | mg/kg | 30.5   | mg/kg |
| RY512-C      | 10FC-RY512-C-006012 | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | VANADIUM      | 4.2           | Y           |               |              |           | 4.2           | mg/kg | 9.1    | mg/kg |
| RY512-C      | 10FC-RY512-C-006012 | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | ZINC          | 5.0           | Y           |               |              |           | 5.0           | mg/kg | 443    | mg/kg |
| RY512-C      | 10FC-RY512-C-006012 | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | CALCIUM       | 416           | Y           |               |              |           | 416           | mg/kg | 9270   | mg/kg |
| RY512-C      | 10FC-RY512-C-006012 | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | SELENIUM      | 2.9           | Y           | J             |              | J         | 2.9           | mg/kg | 2      | mg/kg |
| RY514-A      | 10FC-RY514-A-000002 | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | ALUMINUM      | 16.0          | Y           |               |              |           | 16.0          | mg/kg | 6350   | mg/kg |
| RY514-A      | 10FC-RY514-A-000002 | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | IRON          | 8.0           | Y           |               |              |           | 8.0           | mg/kg | 12300  | mg/kg |
| RY514-A      | 10FC-RY514-A-000002 | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | LEAD          | 0.80          | Y           | J-            | J-           |           | 0.80          | mg/kg | 179    | mg/kg |
| RY514-A      | 10FC-RY514-A-000002 | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | MAGNESIUM     | 399           | Y           |               |              |           | 399           | mg/kg | 5520   | mg/kg |
| RY514-A      | 10FC-RY514-A-000002 | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | MANGANESE     | 1.2           | Y           |               |              |           | 1.2           | mg/kg | 290    | mg/kg |
| RY514-A      | 10FC-RY514-A-000002 | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | NICKEL        | 3.2           | Y           |               |              |           | 3.2           | mg/kg | 9.3    | mg/kg |
| RY514-A      | 10FC-RY514-A-000002 | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | POTASSIUM     | 399           | Y           |               |              |           | 399           | mg/kg | 1610   | mg/kg |
| RY514-A      | 10FC-RY514-A-000002 | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | SILVER        | 0.80          | N           | U             |              | U         | 0.80          | mg/kg | 0.8    | mg/kg |
| RY514-A      | 10FC-RY514-A-000002 | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | SODIUM        | 399           | Y           | J             |              | J         | 399           | mg/kg | 237    | mg/kg |
| RY514-A      | 10FC-RY514-A-000002 | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | THALLIUM      | 2.0           | N           | U             |              | U         | 2.0           | mg/kg | 2      | mg/kg |
| RY514-A      | 10FC-RY514-A-000002 | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | ANTIMONY      | 4.8           | Y           |               |              |           | 4.8           | mg/kg | 5.6    | mg/kg |
| RY514-A      | 10FC-RY514-A-000002 | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | ARSENIC       | 0.80          | Y           |               |              |           | 0.80          | mg/kg | 11.9   | mg/kg |
| RY514-A      | 10FC-RY514-A-000002 | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | BARIUM        | 16.0          | Y           |               |              |           | 16.0          | mg/kg | 77.2   | mg/kg |
| RY514-A      | 10FC-RY514-A-000002 | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | BERYLLIUM     | 0.40          | Y           | J             |              | J         | 0.40          | mg/kg | 0.37   | mg/kg |
| RY514-A      | 10FC-RY514-A-000002 | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | CADMIUM       | 0.40          | Y           |               |              |           | 0.40          | mg/kg | 0.7    | mg/kg |
| RY514-A      | 10FC-RY514-A-000002 | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | CHROMIUM      | 0.80          | Y           |               |              |           | 0.80          | mg/kg | 6.5    | mg/kg |
| RY514-A      | 10FC-RY514-A-000002 | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | COBALT        | 4.0           | Y           |               |              |           | 4.0           | mg/kg | 5.1    | mg/kg |
| RY514-A      | 10FC-RY514-A-000002 | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | COPPER        | 2.0           | Y           |               |              |           | 2.0           | mg/kg | 14.4   | mg/kg |
| RY514-A      | 10FC-RY514-A-000002 | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | VANADIUM      | 4.0           | Y           |               |              |           | 4.0           | mg/kg | 8.9    | mg/kg |
| RY514-A      | 10FC-RY514-A-000002 | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | ZINC          | 4.8           | Y           |               |              |           | 4.8           | mg/kg | 162    | mg/kg |
| RY514-A      | 10FC-RY514-A-000002 | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | CALCIUM       | 399           | Y           |               |              |           | 399           | mg/kg | 19300  | mg/kg |
| RY514-A      | 10FC-RY514-A-000002 | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | SELENIUM      | 2.8           | Y           | J             |              | J         | 2.8           | mg/kg | 1.7    | mg/kg |
| RY514-C      | 10FC-RY514-C-000002 | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | ALUMINUM      | 15.9          | Y           |               |              |           | 15.9          | mg/kg | 8060   | mg/kg |
| RY514-C      | 10FC-RY514-C-000002 | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | IRON          | 7.9           | Y           |               |              |           | 7.9           | mg/kg | 12400  | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code       | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-----------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY514-C      | 10FC-RY514-C-000002   | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | LEAD          | 0.79                | Y           | J-            | J-           |           | 0.79                | mg/kg | 107    | mg/kg |
| RY514-C      | 10FC-RY514-C-000002   | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | MAGNESIUM     | 397                 | Y           |               |              |           | 397                 | mg/kg | 4630   | mg/kg |
| RY514-C      | 10FC-RY514-C-000002   | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | MANGANESE     | 1.2                 | Y           |               |              |           | 1.2                 | mg/kg | 313    | mg/kg |
| RY514-C      | 10FC-RY514-C-000002   | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | NICKEL        | 3.2                 | Y           |               |              |           | 3.2                 | mg/kg | 8.6    | mg/kg |
| RY514-C      | 10FC-RY514-C-000002   | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | POTASSIUM     | 397                 | Y           |               |              |           | 397                 | mg/kg | 1450   | mg/kg |
| RY514-C      | 10FC-RY514-C-000002   | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | SILVER        | 0.79                | N           | U             |              | U         | 0.79                | mg/kg | 0.79   | mg/kg |
| RY514-C      | 10FC-RY514-C-000002   | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | SODIUM        | 397                 | Y           | J             |              | J         | 397                 | mg/kg | 248    | mg/kg |
| RY514-C      | 10FC-RY514-C-000002   | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | THALLIUM      | 2.0                 | N           | U             |              | U         | 2.0                 | mg/kg | 2      | mg/kg |
| RY514-C      | 10FC-RY514-C-000002   | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | ANTIMONY      | 4.8                 | Y           |               |              |           | 4.8                 | mg/kg | 8.1    | mg/kg |
| RY514-C      | 10FC-RY514-C-000002   | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | ARSENIC       | 0.79                | Y           |               |              |           | 0.79                | mg/kg | 8.5    | mg/kg |
| RY514-C      | 10FC-RY514-C-000002   | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | BARIUM        | 15.9                | Y           |               |              |           | 15.9                | mg/kg | 92.6   | mg/kg |
| RY514-C      | 10FC-RY514-C-000002   | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | BERYLLIUM     | 0.40                | Y           | J             |              | J         | 0.40                | mg/kg | 0.39   | mg/kg |
| RY514-C      | 10FC-RY514-C-000002   | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | CADMIUM       | 0.40                | Y           |               |              |           | 0.40                | mg/kg | 1.1    | mg/kg |
| RY514-C      | 10FC-RY514-C-000002   | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | CHROMIUM      | 0.79                | Y           |               |              |           | 0.79                | mg/kg | 6.4    | mg/kg |
| RY514-C      | 10FC-RY514-C-000002   | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | COBALT        | 4.0                 | Y           |               |              |           | 4.0                 | mg/kg | 5.6    | mg/kg |
| RY514-C      | 10FC-RY514-C-000002   | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | COPPER        | 2.0                 | Y           |               |              |           | 2.0                 | mg/kg | 10.7   | mg/kg |
| RY514-C      | 10FC-RY514-C-000002   | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | VANADIUM      | 4.0                 | Y           |               |              |           | 4.0                 | mg/kg | 9      | mg/kg |
| RY514-C      | 10FC-RY514-C-000002   | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | ZINC          | 4.8                 | Y           |               |              |           | 4.8                 | mg/kg | 270    | mg/kg |
| RY514-C      | 10FC-RY514-C-000002   | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | CALCIUM       | 397                 | Y           |               |              |           | 397                 | mg/kg | 6870   | mg/kg |
| RY514-C      | 10FC-RY514-C-000002   | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | SELENIUM      | 2.8                 | Y           | J             |              | J         | 2.8                 | mg/kg | 1.6    | mg/kg |
| RY514-C      | 10FC-RY514-C-006012   | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | ALUMINUM      | 16.3                | Y           |               |              |           | 16.3                | mg/kg | 8570   | mg/kg |
| RY514-C      | 10FC-RY514-C-006012   | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | IRON          | 8.1                 | Y           |               |              |           | 8.1                 | mg/kg | 11400  | mg/kg |
| RY514-C      | 10FC-RY514-C-006012   | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | LEAD          | 0.81                | Y           | J-            | J-           |           | 0.81                | mg/kg | 112    | mg/kg |
| RY514-C      | 10FC-RY514-C-006012   | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | MAGNESIUM     | 406                 | Y           |               |              |           | 406                 | mg/kg | 3940   | mg/kg |
| RY514-C      | 10FC-RY514-C-006012   | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | MANGANESE     | 1.2                 | Y           |               |              |           | 1.2                 | mg/kg | 299    | mg/kg |
| RY514-C      | 10FC-RY514-C-006012   | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | NICKEL        | 3.3                 | Y           |               |              |           | 3.3                 | mg/kg | 8      | mg/kg |
| RY514-C      | 10FC-RY514-C-006012   | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | POTASSIUM     | 406                 | Y           |               |              |           | 406                 | mg/kg | 1260   | mg/kg |
| RY514-C      | 10FC-RY514-C-006012   | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | SILVER        | 0.81                | N           | U             |              | U         | 0.81                | mg/kg | 0.81   | mg/kg |
| RY514-C      | 10FC-RY514-C-006012   | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | SODIUM        | 406                 | Y           | J             |              | J         | 406                 | mg/kg | 214    | mg/kg |
| RY514-C      | 10FC-RY514-C-006012   | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | THALLIUM      | 2.0                 | N           | U             |              | U         | 2.0                 | mg/kg | 2      | mg/kg |
| RY514-C      | 10FC-RY514-C-006012   | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | ANTIMONY      | 4.9                 | Y           |               |              |           | 4.9                 | mg/kg | 9      | mg/kg |
| RY514-C      | 10FC-RY514-C-006012   | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | ARSENIC       | 0.81                | Y           |               |              |           | 0.81                | mg/kg | 12.3   | mg/kg |
| RY514-C      | 10FC-RY514-C-006012   | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | BARIUM        | 16.3                | Y           |               |              |           | 16.3                | mg/kg | 96.5   | mg/kg |
| RY514-C      | 10FC-RY514-C-006012   | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | BERYLLIUM     | 0.41                | Y           | J             |              | J         | 0.41                | mg/kg | 0.38   | mg/kg |
| RY514-C      | 10FC-RY514-C-006012   | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | CADMIUM       | 0.41                | Y           |               |              |           | 0.41                | mg/kg | 1.2    | mg/kg |
| RY514-C      | 10FC-RY514-C-006012   | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | CHROMIUM      | 0.81                | Y           |               |              |           | 0.81                | mg/kg | 5.3    | mg/kg |
| RY514-C      | 10FC-RY514-C-006012   | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | COBALT        | 4.1                 | Y           |               |              |           | 4.1                 | mg/kg | 5      | mg/kg |
| RY514-C      | 10FC-RY514-C-006012   | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | COPPER        | 2.0                 | Y           |               |              |           | 2.0                 | mg/kg | 12     | mg/kg |
| RY514-C      | 10FC-RY514-C-006012   | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | VANADIUM      | 4.1                 | Y           |               |              |           | 4.1                 | mg/kg | 8.6    | mg/kg |
| RY514-C      | 10FC-RY514-C-006012   | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | ZINC          | 4.9                 | Y           |               |              |           | 4.9                 | mg/kg | 352    | mg/kg |
| RY514-C      | 10FC-RY514-C-006012   | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | CALCIUM       | 406                 | Y           |               |              |           | 406                 | mg/kg | 6490   | mg/kg |
| RY514-C      | 10FC-RY514-C-006012   | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | SELENIUM      | 2.8                 | Y           | J             |              | J         | 2.8                 | mg/kg | 1.5    | mg/kg |
| RY514-C      | 10FC-RY514-C-006102-D | 8/3/2010    | FD          | 6           | 12        | in         | C200.7          | 10/1/2010     | ALUMINUM      | 16.2                | Y           |               |              |           | 16.2                | mg/kg | 7590   | mg/kg |
| RY514-C      | 10FC-RY514-C-006102-D | 8/3/2010    | FD          | 6           | 12        | in         | C200.7          | 10/1/2010     | IRON          | 8.1                 | Y           |               |              |           | 8.1                 | mg/kg | 10800  | mg/kg |
| RY514-C      | 10FC-RY514-C-006102-D | 8/3/2010    | FD          | 6           | 12        | in         | C200.7          | 10/1/2010     | LEAD          | 0.81                | Y           | J-            | J-           |           | 0.81                | mg/kg | 95.4   | mg/kg |
| RY514-C      | 10FC-RY514-C-006102-D | 8/3/2010    | FD          | 6           | 12        | in         | C200.7          | 10/1/2010     | MAGNESIUM     | 405                 | Y           |               |              |           | 405                 | mg/kg | 3560   | mg/kg |
| RY514-C      | 10FC-RY514-C-006102-D | 8/3/2010    | FD          | 6           | 12        | in         | C200.7          | 10/1/2010     | MANGANESE     | 1.2                 | Y           |               |              |           | 1.2                 | mg/kg | 253    | mg/kg |
| RY514-C      | 10FC-RY514-C-006102-D | 8/3/2010    | FD          | 6           | 12        | in         | C200.7          | 10/1/2010     | NICKEL        | 3.2                 | Y           |               |              |           | 3.2                 | mg/kg | 7.6    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code       | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-----------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                       |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY514-C      | 10FC-RY514-C-006102-D | 8/3/2010    | FD          | 6           | 12        | in         | C200.7          | 10/1/2010     | POTASSIUM     | 405           | Y           |               |              |           | 405                 | mg/kg | 1100   | mg/kg |
| RY514-C      | 10FC-RY514-C-006102-D | 8/3/2010    | FD          | 6           | 12        | in         | C200.7          | 10/1/2010     | SILVER        | 0.81          | N           | U             |              | U         | 0.81                | mg/kg | 0.81   | mg/kg |
| RY514-C      | 10FC-RY514-C-006102-D | 8/3/2010    | FD          | 6           | 12        | in         | C200.7          | 10/1/2010     | SODIUM        | 405           | Y           |               |              |           | 405                 | mg/kg | 409    | mg/kg |
| RY514-C      | 10FC-RY514-C-006102-D | 8/3/2010    | FD          | 6           | 12        | in         | C200.7          | 10/1/2010     | THALLIUM      | 2.0           | N           | U             |              | U         | 2.0                 | mg/kg | 2      | mg/kg |
| RY514-C      | 10FC-RY514-C-006102-D | 8/3/2010    | FD          | 6           | 12        | in         | C200.7          | 10/1/2010     | ANTIMONY      | 4.9           | Y           |               |              |           | 4.9                 | mg/kg | 7.8    | mg/kg |
| RY514-C      | 10FC-RY514-C-006102-D | 8/3/2010    | FD          | 6           | 12        | in         | C200.7          | 10/1/2010     | ARSENIC       | 0.81          | Y           |               |              |           | 0.81                | mg/kg | 9      | mg/kg |
| RY514-C      | 10FC-RY514-C-006102-D | 8/3/2010    | FD          | 6           | 12        | in         | C200.7          | 10/1/2010     | BARIUM        | 16.2          | Y           |               |              |           | 16.2                | mg/kg | 85     | mg/kg |
| RY514-C      | 10FC-RY514-C-006102-D | 8/3/2010    | FD          | 6           | 12        | in         | C200.7          | 10/1/2010     | BERYLLIUM     | 0.40          | Y           | J             |              | J         | 0.40                | mg/kg | 0.37   | mg/kg |
| RY514-C      | 10FC-RY514-C-006102-D | 8/3/2010    | FD          | 6           | 12        | in         | C200.7          | 10/1/2010     | CADMIUM       | 0.40          | Y           |               |              |           | 0.40                | mg/kg | 1      | mg/kg |
| RY514-C      | 10FC-RY514-C-006102-D | 8/3/2010    | FD          | 6           | 12        | in         | C200.7          | 10/1/2010     | CHROMIUM      | 0.81          | Y           |               |              |           | 0.81                | mg/kg | 5.4    | mg/kg |
| RY514-C      | 10FC-RY514-C-006102-D | 8/3/2010    | FD          | 6           | 12        | in         | C200.7          | 10/1/2010     | COBALT        | 4.0           | Y           |               |              |           | 4.0                 | mg/kg | 4.5    | mg/kg |
| RY514-C      | 10FC-RY514-C-006102-D | 8/3/2010    | FD          | 6           | 12        | in         | C200.7          | 10/1/2010     | COPPER        | 2.0           | Y           |               |              |           | 2.0                 | mg/kg | 9.9    | mg/kg |
| RY514-C      | 10FC-RY514-C-006102-D | 8/3/2010    | FD          | 6           | 12        | in         | C200.7          | 10/1/2010     | VANADIUM      | 4.0           | Y           |               |              |           | 4.0                 | mg/kg | 8.6    | mg/kg |
| RY514-C      | 10FC-RY514-C-006102-D | 8/3/2010    | FD          | 6           | 12        | in         | C200.7          | 10/1/2010     | ZINC          | 4.9           | Y           |               |              |           | 4.9                 | mg/kg | 299    | mg/kg |
| RY514-C      | 10FC-RY514-C-006102-D | 8/3/2010    | FD          | 6           | 12        | in         | C200.7          | 10/1/2010     | CALCIUM       | 405           | Y           |               |              |           | 405                 | mg/kg | 5120   | mg/kg |
| RY514-C      | 10FC-RY514-C-006102-D | 8/3/2010    | FD          | 6           | 12        | in         | C200.7          | 10/1/2010     | SELENIUM      | 2.8           | Y           | J             |              | J         | 2.8                 | mg/kg | 1.3    | mg/kg |
| RY522-B      | 10FC-RY522-B-000002   | 7/26/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | ALUMINUM      | 15.6          | Y           |               |              |           | 15.6                | mg/kg | 3500   | mg/kg |
| RY522-B      | 10FC-RY522-B-000002   | 7/26/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | IRON          | 7.8           | Y           |               |              |           | 7.8                 | mg/kg | 8060   | mg/kg |
| RY522-B      | 10FC-RY522-B-000002   | 7/26/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | LEAD          | 0.78          | Y           | J-            | J-           |           | 0.78                | mg/kg | 66.3   | mg/kg |
| RY522-B      | 10FC-RY522-B-000002   | 7/26/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | MAGNESIUM     | 390           | Y           |               |              |           | 390                 | mg/kg | 2870   | mg/kg |
| RY522-B      | 10FC-RY522-B-000002   | 7/26/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | MANGANESE     | 1.2           | Y           |               |              |           | 1.2                 | mg/kg | 241    | mg/kg |
| RY522-B      | 10FC-RY522-B-000002   | 7/26/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | NICKEL        | 3.1           | Y           |               |              |           | 3.1                 | mg/kg | 5.5    | mg/kg |
| RY522-B      | 10FC-RY522-B-000002   | 7/26/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | POTASSIUM     | 390           | Y           |               |              |           | 390                 | mg/kg | 680    | mg/kg |
| RY522-B      | 10FC-RY522-B-000002   | 7/26/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | SILVER        | 0.78          | N           | U             |              | U         | 0.78                | mg/kg | 0.78   | mg/kg |
| RY522-B      | 10FC-RY522-B-000002   | 7/26/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | SODIUM        | 390           | Y           | J             |              | J         | 390                 | mg/kg | 143    | mg/kg |
| RY522-B      | 10FC-RY522-B-000002   | 7/26/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | THALLIUM      | 1.9           | N           | U             |              | U         | 1.9                 | mg/kg | 1.9    | mg/kg |
| RY522-B      | 10FC-RY522-B-000002   | 7/26/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | ANTIMONY      | 4.7           | Y           | J             |              | J         | 4.7                 | mg/kg | 2      | mg/kg |
| RY522-B      | 10FC-RY522-B-000002   | 7/26/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | ARSENIC       | 0.78          | Y           |               |              |           | 0.78                | mg/kg | 6.5    | mg/kg |
| RY522-B      | 10FC-RY522-B-000002   | 7/26/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | BARIUM        | 15.6          | Y           |               |              |           | 15.6                | mg/kg | 57.6   | mg/kg |
| RY522-B      | 10FC-RY522-B-000002   | 7/26/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | BERYLLIUM     | 0.39          | Y           | J             |              | J         | 0.39                | mg/kg | 0.22   | mg/kg |
| RY522-B      | 10FC-RY522-B-000002   | 7/26/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | CADMIUM       | 0.39          | Y           | J             |              | J         | 0.39                | mg/kg | 0.27   | mg/kg |
| RY522-B      | 10FC-RY522-B-000002   | 7/26/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | CHROMIUM      | 0.78          | Y           |               |              |           | 0.78                | mg/kg | 7.8    | mg/kg |
| RY522-B      | 10FC-RY522-B-000002   | 7/26/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | COBALT        | 3.9           | Y           | J             |              | J         | 3.9                 | mg/kg | 3.5    | mg/kg |
| RY522-B      | 10FC-RY522-B-000002   | 7/26/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | COPPER        | 1.9           | Y           |               |              |           | 1.9                 | mg/kg | 11.2   | mg/kg |
| RY522-B      | 10FC-RY522-B-000002   | 7/26/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | VANADIUM      | 3.9           | Y           |               |              |           | 3.9                 | mg/kg | 7.9    | mg/kg |
| RY522-B      | 10FC-RY522-B-000002   | 7/26/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | ZINC          | 4.7           | Y           |               |              |           | 4.7                 | mg/kg | 234    | mg/kg |
| RY522-B      | 10FC-RY522-B-000002   | 7/26/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | CALCIUM       | 390           | Y           |               |              |           | 390                 | mg/kg | 5360   | mg/kg |
| RY522-B      | 10FC-RY522-B-000002   | 7/26/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | SELENIUM      | 2.7           | Y           | J             |              | J         | 2.7                 | mg/kg | 1.1    | mg/kg |
| RY529-D      | 10FC-RY529-D-000002   | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | ALUMINUM      | 14.8          | Y           |               |              |           | 14.8                | mg/kg | 7360   | mg/kg |
| RY529-D      | 10FC-RY529-D-000002   | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | IRON          | 7.4           | Y           |               |              |           | 7.4                 | mg/kg | 10400  | mg/kg |
| RY529-D      | 10FC-RY529-D-000002   | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | LEAD          | 0.74          | Y           | J-            | J-           |           | 0.74                | mg/kg | 85.4   | mg/kg |
| RY529-D      | 10FC-RY529-D-000002   | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | MAGNESIUM     | 371           | Y           |               |              |           | 371                 | mg/kg | 3110   | mg/kg |
| RY529-D      | 10FC-RY529-D-000002   | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | MANGANESE     | 1.1           | Y           |               |              |           | 1.1                 | mg/kg | 287    | mg/kg |
| RY529-D      | 10FC-RY529-D-000002   | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | NICKEL        | 3.0           | Y           |               |              |           | 3.0                 | mg/kg | 6.8    | mg/kg |
| RY529-D      | 10FC-RY529-D-000002   | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | POTASSIUM     | 371           | Y           |               |              |           | 371                 | mg/kg | 1040   | mg/kg |
| RY529-D      | 10FC-RY529-D-000002   | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | SILVER        | 0.74          | N           | U             |              | U         | 0.74                | mg/kg | 0.74   | mg/kg |
| RY529-D      | 10FC-RY529-D-000002   | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | SODIUM        | 371           | Y           | J             |              | J         | 371                 | mg/kg | 206    | mg/kg |
| RY529-D      | 10FC-RY529-D-000002   | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | THALLIUM      | 1.9           | N           | U             |              | U         | 1.9                 | mg/kg | 1.9    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY529-D      | 10FC-RY529-D-000002 | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | ANTIMONY      | 4.4           | Y           | J             |              | J         | 4.4           | mg/kg | 3.5    | mg/kg |
| RY529-D      | 10FC-RY529-D-000002 | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | ARSENIC       | 0.74          | Y           |               |              |           | 0.74          | mg/kg | 7      | mg/kg |
| RY529-D      | 10FC-RY529-D-000002 | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | BARIUM        | 14.8          | Y           |               |              |           | 14.8          | mg/kg | 113    | mg/kg |
| RY529-D      | 10FC-RY529-D-000002 | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | BERYLLIUM     | 0.37          | Y           | J             |              | J         | 0.37          | mg/kg | 0.35   | mg/kg |
| RY529-D      | 10FC-RY529-D-000002 | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | CADMIUM       | 0.37          | Y           |               |              |           | 0.37          | mg/kg | 0.47   | mg/kg |
| RY529-D      | 10FC-RY529-D-000002 | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | CHROMIUM      | 0.74          | Y           |               |              |           | 0.74          | mg/kg | 6.6    | mg/kg |
| RY529-D      | 10FC-RY529-D-000002 | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | COBALT        | 3.7           | Y           |               |              |           | 3.7           | mg/kg | 4.7    | mg/kg |
| RY529-D      | 10FC-RY529-D-000002 | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | COPPER        | 1.9           | Y           |               |              |           | 1.9           | mg/kg | 13.8   | mg/kg |
| RY529-D      | 10FC-RY529-D-000002 | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | VANADIUM      | 3.7           | Y           |               |              |           | 3.7           | mg/kg | 12.2   | mg/kg |
| RY529-D      | 10FC-RY529-D-000002 | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | ZINC          | 4.4           | Y           |               |              |           | 4.4           | mg/kg | 105    | mg/kg |
| RY529-D      | 10FC-RY529-D-000002 | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | CALCIUM       | 371           | Y           |               |              |           | 371           | mg/kg | 3950   | mg/kg |
| RY529-D      | 10FC-RY529-D-000002 | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | SELENIUM      | 2.6           | Y           | J             |              | J         | 2.6           | mg/kg | 1.4    | mg/kg |
| RY529-D      | 10FC-RY529-D-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | ALUMINUM      | 14.3          | Y           |               |              |           | 14.3          | mg/kg | 6910   | mg/kg |
| RY529-D      | 10FC-RY529-D-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | IRON          | 7.1           | Y           |               |              |           | 7.1           | mg/kg | 12800  | mg/kg |
| RY529-D      | 10FC-RY529-D-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | LEAD          | 0.71          | Y           | J-            | J-           |           | 0.71          | mg/kg | 89.1   | mg/kg |
| RY529-D      | 10FC-RY529-D-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | MAGNESIUM     | 357           | Y           |               |              |           | 357           | mg/kg | 3160   | mg/kg |
| RY529-D      | 10FC-RY529-D-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | MANGANESE     | 1.1           | Y           |               |              |           | 1.1           | mg/kg | 328    | mg/kg |
| RY529-D      | 10FC-RY529-D-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | NICKEL        | 2.9           | Y           |               |              |           | 2.9           | mg/kg | 6.6    | mg/kg |
| RY529-D      | 10FC-RY529-D-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | POTASSIUM     | 357           | Y           |               |              |           | 357           | mg/kg | 1030   | mg/kg |
| RY529-D      | 10FC-RY529-D-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | SILVER        | 0.71          | N           | U             |              | U         | 0.71          | mg/kg | 0.71   | mg/kg |
| RY529-D      | 10FC-RY529-D-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | SODIUM        | 357           | Y           | J             |              | J         | 357           | mg/kg | 217    | mg/kg |
| RY529-D      | 10FC-RY529-D-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | THALLIUM      | 1.8           | N           | U             |              | U         | 1.8           | mg/kg | 1.8    | mg/kg |
| RY529-D      | 10FC-RY529-D-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | ANTIMONY      | 4.3           | Y           | J             |              | J         | 4.3           | mg/kg | 4.2    | mg/kg |
| RY529-D      | 10FC-RY529-D-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | ARSENIC       | 0.71          | Y           |               |              |           | 0.71          | mg/kg | 8.8    | mg/kg |
| RY529-D      | 10FC-RY529-D-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | BARIUM        | 14.3          | Y           |               |              |           | 14.3          | mg/kg | 172    | mg/kg |
| RY529-D      | 10FC-RY529-D-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | BERYLLIUM     | 0.36          | Y           |               |              |           | 0.36          | mg/kg | 0.44   | mg/kg |
| RY529-D      | 10FC-RY529-D-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | CADMIUM       | 0.36          | Y           |               |              |           | 0.36          | mg/kg | 0.63   | mg/kg |
| RY529-D      | 10FC-RY529-D-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | CHROMIUM      | 0.71          | Y           |               |              |           | 0.71          | mg/kg | 6.1    | mg/kg |
| RY529-D      | 10FC-RY529-D-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | COBALT        | 3.6           | Y           |               |              |           | 3.6           | mg/kg | 4.3    | mg/kg |
| RY529-D      | 10FC-RY529-D-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | COPPER        | 1.8           | Y           |               |              |           | 1.8           | mg/kg | 12.3   | mg/kg |
| RY529-D      | 10FC-RY529-D-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | VANADIUM      | 3.6           | Y           |               |              |           | 3.6           | mg/kg | 12.9   | mg/kg |
| RY529-D      | 10FC-RY529-D-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | ZINC          | 4.3           | Y           |               |              |           | 4.3           | mg/kg | 130    | mg/kg |
| RY529-D      | 10FC-RY529-D-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | CALCIUM       | 357           | Y           |               |              |           | 357           | mg/kg | 4340   | mg/kg |
| RY529-D      | 10FC-RY529-D-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | SELENIUM      | 2.5           | Y           | J             |              | J         | 2.5           | mg/kg | 1.7    | mg/kg |
| RY529-D      | 10FC-RY529-D-006102 | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | ALUMINUM      | 14.3          | Y           |               |              |           | 14.3          | mg/kg | 7170   | mg/kg |
| RY529-D      | 10FC-RY529-D-006102 | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | IRON          | 7.2           | Y           |               |              |           | 7.2           | mg/kg | 10400  | mg/kg |
| RY529-D      | 10FC-RY529-D-006102 | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | LEAD          | 0.72          | Y           | J-            | J-           |           | 0.72          | mg/kg | 90.9   | mg/kg |
| RY529-D      | 10FC-RY529-D-006102 | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | MAGNESIUM     | 358           | Y           |               |              |           | 358           | mg/kg | 3090   | mg/kg |
| RY529-D      | 10FC-RY529-D-006102 | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | MANGANESE     | 1.1           | Y           |               |              |           | 1.1           | mg/kg | 274    | mg/kg |
| RY529-D      | 10FC-RY529-D-006102 | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | NICKEL        | 2.9           | Y           |               |              |           | 2.9           | mg/kg | 6.7    | mg/kg |
| RY529-D      | 10FC-RY529-D-006102 | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | POTASSIUM     | 358           | Y           |               |              |           | 358           | mg/kg | 1010   | mg/kg |
| RY529-D      | 10FC-RY529-D-006102 | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | SILVER        | 0.72          | N           | U             |              | U         | 0.72          | mg/kg | 0.72   | mg/kg |
| RY529-D      | 10FC-RY529-D-006102 | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | SODIUM        | 358           | Y           | J             |              | J         | 358           | mg/kg | 201    | mg/kg |
| RY529-D      | 10FC-RY529-D-006102 | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | THALLIUM      | 1.8           | N           | U             |              | U         | 1.8           | mg/kg | 1.8    | mg/kg |
| RY529-D      | 10FC-RY529-D-006102 | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | ANTIMONY      | 4.3           | Y           |               |              |           | 4.3           | mg/kg | 4.3    | mg/kg |
| RY529-D      | 10FC-RY529-D-006102 | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | ARSENIC       | 0.72          | Y           |               |              |           | 0.72          | mg/kg | 7.4    | mg/kg |
| RY529-D      | 10FC-RY529-D-006102 | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | BARIUM        | 14.3          | Y           |               |              |           | 14.3          | mg/kg | 108    | mg/kg |
| RY529-D      | 10FC-RY529-D-006102 | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | BERYLLIUM     | 0.36          | Y           |               |              |           | 0.36          | mg/kg | 0.37   | mg/kg |



Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY529-D      | 10FC-RY529-D-006102 | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | CADMIUM       | 0.36          | Y           |               |              |           | 0.36                | mg/kg | 0.5    | mg/kg |
| RY529-D      | 10FC-RY529-D-006102 | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | CHROMIUM      | 0.72          | Y           |               |              |           | 0.72                | mg/kg | 6.8    | mg/kg |
| RY529-D      | 10FC-RY529-D-006102 | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | COBALT        | 3.6           | Y           |               |              |           | 3.6                 | mg/kg | 4.2    | mg/kg |
| RY529-D      | 10FC-RY529-D-006102 | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | COPPER        | 1.8           | Y           |               |              |           | 1.8                 | mg/kg | 13.4   | mg/kg |
| RY529-D      | 10FC-RY529-D-006102 | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | VANADIUM      | 3.6           | Y           |               |              |           | 3.6                 | mg/kg | 12     | mg/kg |
| RY529-D      | 10FC-RY529-D-006102 | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | ZINC          | 4.3           | Y           |               |              |           | 4.3                 | mg/kg | 117    | mg/kg |
| RY529-D      | 10FC-RY529-D-006102 | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | CALCIUM       | 358           | Y           |               |              |           | 358                 | mg/kg | 3790   | mg/kg |
| RY529-D      | 10FC-RY529-D-006102 | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | SELENIUM      | 2.5           | Y           | J             |              | J         | 2.5                 | mg/kg | 1.5    | mg/kg |
| RY539-F      | 10FC-RY539-F-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | ALUMINUM      | 14.8          | Y           |               |              |           | 14.8                | mg/kg | 4630   | mg/kg |
| RY539-F      | 10FC-RY539-F-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | IRON          | 7.4           | Y           |               |              |           | 7.4                 | mg/kg | 9050   | mg/kg |
| RY539-F      | 10FC-RY539-F-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | LEAD          | 0.74          | Y           | J-            | J-           |           | 0.74                | mg/kg | 34.8   | mg/kg |
| RY539-F      | 10FC-RY539-F-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | MAGNESIUM     | 370           | Y           |               |              |           | 370                 | mg/kg | 2170   | mg/kg |
| RY539-F      | 10FC-RY539-F-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | MANGANESE     | 1.1           | Y           |               |              |           | 1.1                 | mg/kg | 460    | mg/kg |
| RY539-F      | 10FC-RY539-F-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | NICKEL        | 3.0           | Y           |               |              |           | 3.0                 | mg/kg | 5.5    | mg/kg |
| RY539-F      | 10FC-RY539-F-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | POTASSIUM     | 370           | Y           |               |              |           | 370                 | mg/kg | 663    | mg/kg |
| RY539-F      | 10FC-RY539-F-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | SILVER        | 0.74          | N           | U             |              | U         | 0.74                | mg/kg | 0.74   | mg/kg |
| RY539-F      | 10FC-RY539-F-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | SODIUM        | 370           | Y           | J             |              | J         | 370                 | mg/kg | 158    | mg/kg |
| RY539-F      | 10FC-RY539-F-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | THALLIUM      | 1.9           | N           | U             |              | U         | 1.9                 | mg/kg | 1.9    | mg/kg |
| RY539-F      | 10FC-RY539-F-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | ANTIMONY      | 4.4           | Y           | J             |              | J         | 4.4                 | mg/kg | 0.39   | mg/kg |
| RY539-F      | 10FC-RY539-F-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | ARSENIC       | 0.74          | Y           |               |              |           | 0.74                | mg/kg | 2.7    | mg/kg |
| RY539-F      | 10FC-RY539-F-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | BARIUM        | 14.8          | Y           |               |              |           | 14.8                | mg/kg | 129    | mg/kg |
| RY539-F      | 10FC-RY539-F-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | BERYLLIUM     | 0.37          | Y           | J             |              | J         | 0.37                | mg/kg | 0.27   | mg/kg |
| RY539-F      | 10FC-RY539-F-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | CADMIUM       | 0.37          | Y           | J             |              | J         | 0.37                | mg/kg | 0.29   | mg/kg |
| RY539-F      | 10FC-RY539-F-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | CHROMIUM      | 0.74          | Y           |               |              |           | 0.74                | mg/kg | 5.5    | mg/kg |
| RY539-F      | 10FC-RY539-F-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | COBALT        | 3.7           | Y           |               |              |           | 3.7                 | mg/kg | 4.2    | mg/kg |
| RY539-F      | 10FC-RY539-F-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | COPPER        | 1.9           | Y           |               |              |           | 1.9                 | mg/kg | 9.9    | mg/kg |
| RY539-F      | 10FC-RY539-F-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | VANADIUM      | 3.7           | Y           |               |              |           | 3.7                 | mg/kg | 13.2   | mg/kg |
| RY539-F      | 10FC-RY539-F-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | ZINC          | 4.4           | Y           |               |              |           | 4.4                 | mg/kg | 35.6   | mg/kg |
| RY539-F      | 10FC-RY539-F-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | CALCIUM       | 370           | Y           |               |              |           | 370                 | mg/kg | 1380   | mg/kg |
| RY539-F      | 10FC-RY539-F-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | SELENIUM      | 2.6           | Y           | J             |              | J         | 2.6                 | mg/kg | 1.3    | mg/kg |
| RY542-C      | 10FC-RY542-C-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | ALUMINUM      | 15.5          | Y           |               |              |           | 15.5                | mg/kg | 7040   | mg/kg |
| RY542-C      | 10FC-RY542-C-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | IRON          | 7.7           | Y           |               |              |           | 7.7                 | mg/kg | 10500  | mg/kg |
| RY542-C      | 10FC-RY542-C-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | LEAD          | 0.77          | Y           | J-            | J-           |           | 0.77                | mg/kg | 13.3   | mg/kg |
| RY542-C      | 10FC-RY542-C-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | MAGNESIUM     | 387           | Y           |               |              |           | 387                 | mg/kg | 3860   | mg/kg |
| RY542-C      | 10FC-RY542-C-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | MANGANESE     | 1.2           | Y           |               |              |           | 1.2                 | mg/kg | 235    | mg/kg |
| RY542-C      | 10FC-RY542-C-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | NICKEL        | 3.1           | Y           |               |              |           | 3.1                 | mg/kg | 7.4    | mg/kg |
| RY542-C      | 10FC-RY542-C-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | POTASSIUM     | 387           | Y           |               |              |           | 387                 | mg/kg | 1420   | mg/kg |
| RY542-C      | 10FC-RY542-C-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | SILVER        | 0.77          | N           | U             |              | U         | 0.77                | mg/kg | 0.77   | mg/kg |
| RY542-C      | 10FC-RY542-C-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | SODIUM        | 387           | Y           | J             |              | J         | 387                 | mg/kg | 257    | mg/kg |
| RY542-C      | 10FC-RY542-C-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | THALLIUM      | 1.9           | N           | U             |              | U         | 1.9                 | mg/kg | 1.9    | mg/kg |
| RY542-C      | 10FC-RY542-C-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | ANTIMONY      | 4.6           | Y           | J             |              | J         | 4.6                 | mg/kg | 0.73   | mg/kg |
| RY542-C      | 10FC-RY542-C-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | ARSENIC       | 0.77          | Y           |               |              |           | 0.77                | mg/kg | 3.4    | mg/kg |
| RY542-C      | 10FC-RY542-C-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | BARIUM        | 15.5          | Y           |               |              |           | 15.5                | mg/kg | 121    | mg/kg |
| RY542-C      | 10FC-RY542-C-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | BERYLLIUM     | 0.39          | Y           |               |              |           | 0.39                | mg/kg | 0.44   | mg/kg |
| RY542-C      | 10FC-RY542-C-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | CADMIUM       | 0.39          | N           | U             |              | U         | 0.39                | mg/kg | 0.39   | mg/kg |
| RY542-C      | 10FC-RY542-C-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | CHROMIUM      | 0.77          | Y           |               |              |           | 0.77                | mg/kg | 8.7    | mg/kg |
| RY542-C      | 10FC-RY542-C-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | COBALT        | 3.9           | Y           |               |              |           | 3.9                 | mg/kg | 4.7    | mg/kg |
| RY542-C      | 10FC-RY542-C-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | COPPER        | 1.9           | Y           |               |              |           | 1.9                 | mg/kg | 12     | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY542-C      | 10FC-RY542-C-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | VANADIUM      | 3.9           | Y           |               |              |           | 3.9                 | mg/kg | 12.1   | mg/kg |
| RY542-C      | 10FC-RY542-C-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | ZINC          | 4.6           | Y           |               |              |           | 4.6                 | mg/kg | 45.1   | mg/kg |
| RY542-C      | 10FC-RY542-C-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | CALCIUM       | 387           | Y           |               |              |           | 387                 | mg/kg | 3450   | mg/kg |
| RY542-C      | 10FC-RY542-C-002006 | 8/3/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | SELENIUM      | 2.7           | Y           | J             |              | J         | 2.7                 | mg/kg | 1.5    | mg/kg |
| RY544-D      | 10FC-RY544-D-000002 | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | ALUMINUM      | 15.0          | Y           |               |              |           | 15.0                | mg/kg | 4380   | mg/kg |
| RY544-D      | 10FC-RY544-D-000002 | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | ANTIMONY      | 4.5           | Y           | J             |              | J         | 4.5                 | mg/kg | 1.1    | mg/kg |
| RY544-D      | 10FC-RY544-D-000002 | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | ARSENIC       | 0.75          | Y           |               |              |           | 0.75                | mg/kg | 8.3    | mg/kg |
| RY544-D      | 10FC-RY544-D-000002 | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | BARIUM        | 15.0          | Y           |               |              |           | 15.0                | mg/kg | 129    | mg/kg |
| RY544-D      | 10FC-RY544-D-000002 | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | BERYLLIUM     | 0.37          | Y           | J             |              | J         | 0.37                | mg/kg | 0.28   | mg/kg |
| RY544-D      | 10FC-RY544-D-000002 | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | CADMIUM       | 0.37          | Y           |               |              |           | 0.37                | mg/kg | 1.1    | mg/kg |
| RY544-D      | 10FC-RY544-D-000002 | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | IRON          | 7.5           | Y           |               |              |           | 7.5                 | mg/kg | 11000  | mg/kg |
| RY544-D      | 10FC-RY544-D-000002 | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | LEAD          | 0.75          | Y           | J-            |              | J-        | 0.75                | mg/kg | 159    | mg/kg |
| RY544-D      | 10FC-RY544-D-000002 | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 374           | Y           |               |              |           | 374                 | mg/kg | 5810   | mg/kg |
| RY544-D      | 10FC-RY544-D-000002 | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | MANGANESE     | 1.1           | Y           |               |              |           | 1.1                 | mg/kg | 356    | mg/kg |
| RY544-D      | 10FC-RY544-D-000002 | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | NICKEL        | 3.0           | Y           |               |              |           | 3.0                 | mg/kg | 10.6   | mg/kg |
| RY544-D      | 10FC-RY544-D-000002 | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | POTASSIUM     | 374           | Y           |               |              |           | 374                 | mg/kg | 1180   | mg/kg |
| RY544-D      | 10FC-RY544-D-000002 | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | SILVER        | 0.75          | N           | U             |              | U         | 0.75                | mg/kg | 0.75   | mg/kg |
| RY544-D      | 10FC-RY544-D-000002 | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | SODIUM        | 374           | Y           | J             |              | J         | 374                 | mg/kg | 221    | mg/kg |
| RY544-D      | 10FC-RY544-D-000002 | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | THALLIUM      | 1.9           | N           | U             |              | U         | 1.9                 | mg/kg | 1.9    | mg/kg |
| RY544-D      | 10FC-RY544-D-000002 | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | CHROMIUM      | 0.75          | Y           |               |              |           | 0.75                | mg/kg | 9.9    | mg/kg |
| RY544-D      | 10FC-RY544-D-000002 | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | COBALT        | 3.7           | Y           |               |              |           | 3.7                 | mg/kg | 5.3    | mg/kg |
| RY544-D      | 10FC-RY544-D-000002 | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | COPPER        | 1.9           | Y           |               |              |           | 1.9                 | mg/kg | 79.6   | mg/kg |
| RY544-D      | 10FC-RY544-D-000002 | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | VANADIUM      | 3.7           | Y           |               |              |           | 3.7                 | mg/kg | 6.9    | mg/kg |
| RY544-D      | 10FC-RY544-D-000002 | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | ZINC          | 4.5           | Y           |               |              |           | 4.5                 | mg/kg | 182    | mg/kg |
| RY544-D      | 10FC-RY544-D-000002 | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | CALCIUM       | 3740          | Y           |               |              |           | 3740                | mg/kg | 30300  | mg/kg |
| RY544-D      | 10FC-RY544-D-000002 | 8/3/2010    | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | SELENIUM      | 2.6           | Y           | J             |              | J         | 2.6                 | mg/kg | 1.7    | mg/kg |
| RY544-D      | 10FC-RY544-D-006102 | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | ALUMINUM      | 14.7          | Y           |               |              |           | 14.7                | mg/kg | 6210   | mg/kg |
| RY544-D      | 10FC-RY544-D-006102 | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | IRON          | 7.4           | Y           |               |              |           | 7.4                 | mg/kg | 14000  | mg/kg |
| RY544-D      | 10FC-RY544-D-006102 | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | LEAD          | 0.74          | Y           | J-            |              | J-        | 0.74                | mg/kg | 62.8   | mg/kg |
| RY544-D      | 10FC-RY544-D-006102 | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | MAGNESIUM     | 368           | Y           |               |              |           | 368                 | mg/kg | 3640   | mg/kg |
| RY544-D      | 10FC-RY544-D-006102 | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | MANGANESE     | 1.1           | Y           |               |              |           | 1.1                 | mg/kg | 222    | mg/kg |
| RY544-D      | 10FC-RY544-D-006102 | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | NICKEL        | 2.9           | Y           |               |              |           | 2.9                 | mg/kg | 10.7   | mg/kg |
| RY544-D      | 10FC-RY544-D-006102 | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | POTASSIUM     | 368           | Y           |               |              |           | 368                 | mg/kg | 866    | mg/kg |
| RY544-D      | 10FC-RY544-D-006102 | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | SILVER        | 0.74          | N           | U             |              | U         | 0.74                | mg/kg | 0.74   | mg/kg |
| RY544-D      | 10FC-RY544-D-006102 | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | SODIUM        | 368           | Y           | J             |              | J         | 368                 | mg/kg | 159    | mg/kg |
| RY544-D      | 10FC-RY544-D-006102 | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | THALLIUM      | 1.8           | N           | U             |              | U         | 1.8                 | mg/kg | 1.8    | mg/kg |
| RY544-D      | 10FC-RY544-D-006102 | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | ANTIMONY      | 4.4           | Y           | J             |              | J         | 4.4                 | mg/kg | 0.88   | mg/kg |
| RY544-D      | 10FC-RY544-D-006102 | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | ARSENIC       | 0.74          | Y           |               |              |           | 0.74                | mg/kg | 6      | mg/kg |
| RY544-D      | 10FC-RY544-D-006102 | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | BARIUM        | 14.7          | Y           |               |              |           | 14.7                | mg/kg | 107    | mg/kg |
| RY544-D      | 10FC-RY544-D-006102 | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | BERYLLIUM     | 0.37          | Y           |               |              |           | 0.37                | mg/kg | 0.45   | mg/kg |
| RY544-D      | 10FC-RY544-D-006102 | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | CADMIUM       | 0.37          | N           | U             |              | U         | 0.37                | mg/kg | 0.37   | mg/kg |
| RY544-D      | 10FC-RY544-D-006102 | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | CHROMIUM      | 0.74          | Y           |               |              |           | 0.74                | mg/kg | 8.4    | mg/kg |
| RY544-D      | 10FC-RY544-D-006102 | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | COBALT        | 3.7           | Y           |               |              |           | 3.7                 | mg/kg | 5.3    | mg/kg |
| RY544-D      | 10FC-RY544-D-006102 | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | COPPER        | 1.8           | Y           |               |              |           | 1.8                 | mg/kg | 16.5   | mg/kg |
| RY544-D      | 10FC-RY544-D-006102 | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | VANADIUM      | 3.7           | Y           |               |              |           | 3.7                 | mg/kg | 8.7    | mg/kg |
| RY544-D      | 10FC-RY544-D-006102 | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | ZINC          | 4.4           | Y           |               |              |           | 4.4                 | mg/kg | 35.6   | mg/kg |
| RY544-D      | 10FC-RY544-D-006102 | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | CALCIUM       | 368           | Y           |               |              |           | 368                 | mg/kg | 6190   | mg/kg |
| RY544-D      | 10FC-RY544-D-006102 | 8/3/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | SELENIUM      | 2.6           | Y           | J             |              | J         | 2.6                 | mg/kg | 2      | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | result | unit        |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|--------|-------------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |        |             |
| RY597-D      | 10FC-RY597-D-002006 | 8/10/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | ALUMINUM      | 14.3          | Y           |               |              |           | 14.3          | mg/kg  | 4030 mg/kg  |
| RY597-D      | 10FC-RY597-D-002006 | 8/10/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | IRON          | 7.2           | Y           |               |              |           | 7.2           | mg/kg  | 16100 mg/kg |
| RY597-D      | 10FC-RY597-D-002006 | 8/10/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | LEAD          | 0.72          | Y           | J-            | J-           |           | 0.72          | mg/kg  | 1120 mg/kg  |
| RY597-D      | 10FC-RY597-D-002006 | 8/10/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | MAGNESIUM     | 359           | Y           |               |              |           | 359           | mg/kg  | 3310 mg/kg  |
| RY597-D      | 10FC-RY597-D-002006 | 8/10/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | MANGANESE     | 1.1           | Y           |               |              |           | 1.1           | mg/kg  | 634 mg/kg   |
| RY597-D      | 10FC-RY597-D-002006 | 8/10/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | NICKEL        | 2.9           | Y           |               |              |           | 2.9           | mg/kg  | 6.8 mg/kg   |
| RY597-D      | 10FC-RY597-D-002006 | 8/10/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | POTASSIUM     | 359           | Y           |               |              |           | 359           | mg/kg  | 717 mg/kg   |
| RY597-D      | 10FC-RY597-D-002006 | 8/10/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | SILVER        | 0.72          | Y           |               |              |           | 0.72          | mg/kg  | 6.6 mg/kg   |
| RY597-D      | 10FC-RY597-D-002006 | 8/10/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | SODIUM        | 359           | Y           | J             |              | J         | 359           | mg/kg  | 237 mg/kg   |
| RY597-D      | 10FC-RY597-D-002006 | 8/10/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | THALLIUM      | 1.8           | N           | U             |              | U         | 1.8           | mg/kg  | 1.8 mg/kg   |
| RY597-D      | 10FC-RY597-D-002006 | 8/10/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | ANTIMONY      | 4.3           | Y           |               |              |           | 4.3           | mg/kg  | 123 mg/kg   |
| RY597-D      | 10FC-RY597-D-002006 | 8/10/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | ARSENIC       | 0.72          | Y           |               |              |           | 0.72          | mg/kg  | 253 mg/kg   |
| RY597-D      | 10FC-RY597-D-002006 | 8/10/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | BARIUM        | 14.3          | Y           |               |              |           | 14.3          | mg/kg  | 52.3 mg/kg  |
| RY597-D      | 10FC-RY597-D-002006 | 8/10/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | BERYLLIUM     | 0.36          | Y           | J             |              | J         | 0.36          | mg/kg  | 0.28 mg/kg  |
| RY597-D      | 10FC-RY597-D-002006 | 8/10/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | CADMIUM       | 0.36          | Y           |               |              |           | 0.36          | mg/kg  | 3 mg/kg     |
| RY597-D      | 10FC-RY597-D-002006 | 8/10/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | CHROMIUM      | 0.72          | Y           |               |              |           | 0.72          | mg/kg  | 5.3 mg/kg   |
| RY597-D      | 10FC-RY597-D-002006 | 8/10/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | COBALT        | 3.6           | Y           | J             |              | J         | 3.6           | mg/kg  | 3.5 mg/kg   |
| RY597-D      | 10FC-RY597-D-002006 | 8/10/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | COPPER        | 1.8           | Y           |               |              |           | 1.8           | mg/kg  | 17.3 mg/kg  |
| RY597-D      | 10FC-RY597-D-002006 | 8/10/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | VANADIUM      | 3.6           | Y           |               |              |           | 3.6           | mg/kg  | 8.5 mg/kg   |
| RY597-D      | 10FC-RY597-D-002006 | 8/10/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | ZINC          | 4.3           | Y           |               |              |           | 4.3           | mg/kg  | 629 mg/kg   |
| RY597-D      | 10FC-RY597-D-002006 | 8/10/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | CALCIUM       | 359           | Y           |               |              |           | 359           | mg/kg  | 4850 mg/kg  |
| RY597-D      | 10FC-RY597-D-002006 | 8/10/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | SELENIUM      | 2.5           | Y           | J             |              | J         | 2.5           | mg/kg  | 1.9 mg/kg   |
| RY597-D      | 10FC-RY597-D-006012 | 8/10/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | ALUMINUM      | 14.2          | Y           |               |              |           | 14.2          | mg/kg  | 5130 mg/kg  |
| RY597-D      | 10FC-RY597-D-006012 | 8/10/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | IRON          | 7.1           | Y           |               |              |           | 7.1           | mg/kg  | 10200 mg/kg |
| RY597-D      | 10FC-RY597-D-006012 | 8/10/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | LEAD          | 0.71          | Y           | J-            | J-           |           | 0.71          | mg/kg  | 238 mg/kg   |
| RY597-D      | 10FC-RY597-D-006012 | 8/10/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | MAGNESIUM     | 354           | Y           |               |              |           | 354           | mg/kg  | 3050 mg/kg  |
| RY597-D      | 10FC-RY597-D-006012 | 8/10/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | MANGANESE     | 1.1           | Y           |               |              |           | 1.1           | mg/kg  | 301 mg/kg   |
| RY597-D      | 10FC-RY597-D-006012 | 8/10/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | NICKEL        | 2.8           | Y           |               |              |           | 2.8           | mg/kg  | 5.9 mg/kg   |
| RY597-D      | 10FC-RY597-D-006012 | 8/10/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | POTASSIUM     | 354           | Y           |               |              |           | 354           | mg/kg  | 962 mg/kg   |
| RY597-D      | 10FC-RY597-D-006012 | 8/10/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | SILVER        | 0.71          | Y           |               |              |           | 0.71          | mg/kg  | 1.4 mg/kg   |
| RY597-D      | 10FC-RY597-D-006012 | 8/10/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | SODIUM        | 354           | Y           | J             |              | J         | 354           | mg/kg  | 187 mg/kg   |
| RY597-D      | 10FC-RY597-D-006012 | 8/10/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | THALLIUM      | 1.8           | N           | U             |              | U         | 1.8           | mg/kg  | 1.8 mg/kg   |
| RY597-D      | 10FC-RY597-D-006012 | 8/10/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | ANTIMONY      | 4.2           | Y           |               |              |           | 4.2           | mg/kg  | 28.2 mg/kg  |
| RY597-D      | 10FC-RY597-D-006012 | 8/10/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | ARSENIC       | 0.71          | Y           |               |              |           | 0.71          | mg/kg  | 78.8 mg/kg  |
| RY597-D      | 10FC-RY597-D-006012 | 8/10/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | BARIUM        | 14.2          | Y           |               |              |           | 14.2          | mg/kg  | 77.8 mg/kg  |
| RY597-D      | 10FC-RY597-D-006012 | 8/10/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | BERYLLIUM     | 0.35          | Y           | J             |              | J         | 0.35          | mg/kg  | 0.3 mg/kg   |
| RY597-D      | 10FC-RY597-D-006012 | 8/10/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | CADMIUM       | 0.35          | Y           |               |              |           | 0.35          | mg/kg  | 0.61 mg/kg  |
| RY597-D      | 10FC-RY597-D-006012 | 8/10/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | CHROMIUM      | 0.71          | Y           |               |              |           | 0.71          | mg/kg  | 6.1 mg/kg   |
| RY597-D      | 10FC-RY597-D-006012 | 8/10/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | COBALT        | 3.5           | Y           |               |              |           | 3.5           | mg/kg  | 3.9 mg/kg   |
| RY597-D      | 10FC-RY597-D-006012 | 8/10/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | COPPER        | 1.8           | Y           |               |              |           | 1.8           | mg/kg  | 11.6 mg/kg  |
| RY597-D      | 10FC-RY597-D-006012 | 8/10/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | VANADIUM      | 3.5           | Y           |               |              |           | 3.5           | mg/kg  | 10.6 mg/kg  |
| RY597-D      | 10FC-RY597-D-006012 | 8/10/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | ZINC          | 4.2           | Y           |               |              |           | 4.2           | mg/kg  | 132 mg/kg   |
| RY597-D      | 10FC-RY597-D-006012 | 8/10/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | CALCIUM       | 354           | Y           |               |              |           | 354           | mg/kg  | 5710 mg/kg  |
| RY597-D      | 10FC-RY597-D-006012 | 8/10/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | SELENIUM      | 2.5           | Y           | J             |              | J         | 2.5           | mg/kg  | 1.3 mg/kg   |
| RY598-B      | 10FC-RY598-B-002006 | 8/10/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | ALUMINUM      | 14.4          | Y           |               |              |           | 14.4          | mg/kg  | 6980 mg/kg  |
| RY598-B      | 10FC-RY598-B-002006 | 8/10/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | IRON          | 7.2           | Y           |               |              |           | 7.2           | mg/kg  | 13000 mg/kg |
| RY598-B      | 10FC-RY598-B-002006 | 8/10/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | LEAD          | 0.72          | Y           | J-            | J-           |           | 0.72          | mg/kg  | 191 mg/kg   |
| RY598-B      | 10FC-RY598-B-002006 | 8/10/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | MAGNESIUM     | 359           | Y           |               |              |           | 359           | mg/kg  | 5140 mg/kg  |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report       | detect flag | interp. quals | valid. quals | lab quals | report       | result | unit        |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|--------------|-------------|---------------|--------------|-----------|--------------|--------|-------------|
|              |                     |             |             |             |           |            |                 |               |               | result limit |             |               |              |           | detect limit |        |             |
| RY598-B      | 10FC-RY598-B-002006 | 8/10/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | MANGANESE     | 1.1          | Y           |               |              |           | 1.1          | mg/kg  | 443 mg/kg   |
| RY598-B      | 10FC-RY598-B-002006 | 8/10/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | NICKEL        | 2.9          | Y           |               |              |           | 2.9          | mg/kg  | 8.8 mg/kg   |
| RY598-B      | 10FC-RY598-B-002006 | 8/10/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | POTASSIUM     | 359          | Y           |               |              |           | 359          | mg/kg  | 812 mg/kg   |
| RY598-B      | 10FC-RY598-B-002006 | 8/10/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | SILVER        | 0.72         | Y           | J             |              | J         | 0.72         | mg/kg  | 0.44 mg/kg  |
| RY598-B      | 10FC-RY598-B-002006 | 8/10/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | SODIUM        | 359          | Y           | J             |              | J         | 359          | mg/kg  | 190 mg/kg   |
| RY598-B      | 10FC-RY598-B-002006 | 8/10/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | THALLIUM      | 1.8          | N           | U             |              | U         | 1.8          | mg/kg  | 1.8 mg/kg   |
| RY598-B      | 10FC-RY598-B-002006 | 8/10/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | ANTIMONY      | 4.3          | Y           |               |              |           | 4.3          | mg/kg  | 16.3 mg/kg  |
| RY598-B      | 10FC-RY598-B-002006 | 8/10/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | ARSENIC       | 0.72         | Y           |               |              |           | 0.72         | mg/kg  | 30.8 mg/kg  |
| RY598-B      | 10FC-RY598-B-002006 | 8/10/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | BARIUM        | 14.4         | Y           |               |              |           | 14.4         | mg/kg  | 110 mg/kg   |
| RY598-B      | 10FC-RY598-B-002006 | 8/10/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | BERYLLIUM     | 0.36         | Y           |               |              |           | 0.36         | mg/kg  | 0.39 mg/kg  |
| RY598-B      | 10FC-RY598-B-002006 | 8/10/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | CADMIUM       | 0.36         | Y           |               |              |           | 0.36         | mg/kg  | 0.72 mg/kg  |
| RY598-B      | 10FC-RY598-B-002006 | 8/10/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | CHROMIUM      | 0.72         | Y           |               |              |           | 0.72         | mg/kg  | 5.8 mg/kg   |
| RY598-B      | 10FC-RY598-B-002006 | 8/10/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | COBALT        | 3.6          | Y           |               |              |           | 3.6          | mg/kg  | 8 mg/kg     |
| RY598-B      | 10FC-RY598-B-002006 | 8/10/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | COPPER        | 1.8          | Y           |               |              |           | 1.8          | mg/kg  | 14.5 mg/kg  |
| RY598-B      | 10FC-RY598-B-002006 | 8/10/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | VANADIUM      | 3.6          | Y           |               |              |           | 3.6          | mg/kg  | 8.4 mg/kg   |
| RY598-B      | 10FC-RY598-B-002006 | 8/10/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | ZINC          | 4.3          | Y           |               |              |           | 4.3          | mg/kg  | 162 mg/kg   |
| RY598-B      | 10FC-RY598-B-002006 | 8/10/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | CALCIUM       | 359          | Y           |               |              |           | 359          | mg/kg  | 15500 mg/kg |
| RY598-B      | 10FC-RY598-B-002006 | 8/10/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | SELENIUM      | 2.5          | Y           | J             |              | J         | 2.5          | mg/kg  | 1.6 mg/kg   |
| RY501-B      | 10FC-RY501-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ALUMINUM      | 20.0         | Y           |               |              |           | 20.0         | mg/kg  | 13300 mg/kg |
| RY501-B      | 10FC-RY501-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | IRON          | 10.0         | Y           |               |              |           | 10.0         | mg/kg  | 13000 mg/kg |
| RY501-B      | 10FC-RY501-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | LEAD          | 1.0          | Y           | J             |              | J         | 1.0          | mg/kg  | 15.2 mg/kg  |
| RY501-B      | 10FC-RY501-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | MAGNESIUM     | 500          | Y           |               |              |           | 500          | mg/kg  | 4200 mg/kg  |
| RY501-B      | 10FC-RY501-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | MANGANESE     | 1.5          | Y           | J             |              | J         | 1.5          | mg/kg  | 277 mg/kg   |
| RY501-B      | 10FC-RY501-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | NICKEL        | 4.0          | Y           |               |              |           | 4.0          | mg/kg  | 10.7 mg/kg  |
| RY501-B      | 10FC-RY501-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | POTASSIUM     | 500          | Y           |               |              |           | 500          | mg/kg  | 1810 mg/kg  |
| RY501-B      | 10FC-RY501-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | SILVER        | 1.0          | N           | U             |              | U         | 1.0          | mg/kg  | 1.1 mg/kg   |
| RY501-B      | 10FC-RY501-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | SODIUM        | 500          | Y           | J             |              | J         | 500          | mg/kg  | 196 mg/kg   |
| RY501-B      | 10FC-RY501-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | THALLIUM      | 2.5          | N           | U             |              | U         | 2.5          | mg/kg  | 2.8 mg/kg   |
| RY501-B      | 10FC-RY501-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ANTIMONY      | 6.0          | N           | UJ            |              | UJ        | 6.0          | mg/kg  | 6.8 mg/kg   |
| RY501-B      | 10FC-RY501-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ARSENIC       | 1.0          | Y           | J             |              | J         | 1.0          | mg/kg  | 4.8 mg/kg   |
| RY501-B      | 10FC-RY501-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | BARIUM        | 20.0         | Y           |               |              |           | 20.0         | mg/kg  | 130 mg/kg   |
| RY501-B      | 10FC-RY501-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | BERYLLIUM     | 0.50         | Y           | U             |              | 0.5U      | 0.50         | mg/kg  | 0.5 mg/kg   |
| RY501-B      | 10FC-RY501-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | CADMIUM       | 0.50         | Y           | J             |              | J         | 0.50         | mg/kg  | 0.042 mg/kg |
| RY501-B      | 10FC-RY501-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | CHROMIUM      | 1.0          | Y           | J             |              | J         | 1.0          | mg/kg  | 8.9 mg/kg   |
| RY501-B      | 10FC-RY501-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | COBALT        | 5.0          | Y           |               |              |           | 5.0          | mg/kg  | 8 mg/kg     |
| RY501-B      | 10FC-RY501-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | COPPER        | 2.5          | Y           |               |              |           | 2.5          | mg/kg  | 12.7 mg/kg  |
| RY501-B      | 10FC-RY501-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | VANADIUM      | 5.0          | Y           |               |              |           | 5.0          | mg/kg  | 14.2 mg/kg  |
| RY501-B      | 10FC-RY501-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ZINC          | 6.0          | Y           |               |              |           | 6.0          | mg/kg  | 33.5 mg/kg  |
| RY501-B      | 10FC-RY501-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | CALCIUM       | 500          | Y           |               |              |           | 500          | mg/kg  | 2130 mg/kg  |
| RY501-B      | 10FC-RY501-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | SELENIUM      | 3.5          | N           | U             |              | U         | 3.5          | mg/kg  | 4 mg/kg     |
| RY501-B      | 10FC-RY501-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | ALUMINUM      | 20.0         | Y           |               |              |           | 20.0         | mg/kg  | 12600 mg/kg |
| RY501-B      | 10FC-RY501-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | IRON          | 10.0         | Y           |               |              |           | 10.0         | mg/kg  | 12600 mg/kg |
| RY501-B      | 10FC-RY501-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | LEAD          | 1.0          | Y           | J             |              | J         | 1.0          | mg/kg  | 8.5 mg/kg   |
| RY501-B      | 10FC-RY501-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | MAGNESIUM     | 500          | Y           |               |              |           | 500          | mg/kg  | 4340 mg/kg  |
| RY501-B      | 10FC-RY501-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | MANGANESE     | 1.5          | Y           | J             |              | J         | 1.5          | mg/kg  | 300 mg/kg   |
| RY501-B      | 10FC-RY501-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | NICKEL        | 4.0          | Y           |               |              |           | 4.0          | mg/kg  | 10 mg/kg    |
| RY501-B      | 10FC-RY501-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | POTASSIUM     | 500          | Y           |               |              |           | 500          | mg/kg  | 1890 mg/kg  |
| RY501-B      | 10FC-RY501-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | SILVER        | 1.0          | N           | U             |              | U         | 1.0          | mg/kg  | 1.1 mg/kg   |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY501-B      | 10FC-RY501-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | SODIUM        | 500           | Y           | J             | J            | J         | 500           | mg/kg | 190    | mg/kg |
| RY501-B      | 10FC-RY501-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5           | mg/kg | 2.8    | mg/kg |
| RY501-B      | 10FC-RY501-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | ANTIMONY      | 6.0           | N           | UJ            | UJ           | U         | 6.0           | mg/kg | 6.7    | mg/kg |
| RY501-B      | 10FC-RY501-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | ARSENIC       | 1.0           | Y           | J             | J            |           | 1.0           | mg/kg | 4.6    | mg/kg |
| RY501-B      | 10FC-RY501-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | BARIUM        | 20.0          | Y           |               |              |           | 20.0          | mg/kg | 117    | mg/kg |
| RY501-B      | 10FC-RY501-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | BERYLLIUM     | 0.50          | Y           | U             | 0.5U         | J         | 0.50          | mg/kg | 0.5    | mg/kg |
| RY501-B      | 10FC-RY501-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | CADMIUM       | 0.50          | Y           | J             |              | J         | 0.50          | mg/kg | 0.051  | mg/kg |
| RY501-B      | 10FC-RY501-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | CHROMIUM      | 1.0           | Y           | J             | J            |           | 1.0           | mg/kg | 7.4    | mg/kg |
| RY501-B      | 10FC-RY501-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | COBALT        | 5.0           | Y           |               |              |           | 5.0           | mg/kg | 5.7    | mg/kg |
| RY501-B      | 10FC-RY501-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | COPPER        | 2.5           | Y           |               |              |           | 2.5           | mg/kg | 13.4   | mg/kg |
| RY501-B      | 10FC-RY501-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | VANADIUM      | 5.0           | Y           |               |              |           | 5.0           | mg/kg | 14.2   | mg/kg |
| RY501-B      | 10FC-RY501-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | ZINC          | 6.0           | Y           |               |              |           | 6.0           | mg/kg | 28.5   | mg/kg |
| RY501-B      | 10FC-RY501-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | CALCIUM       | 500           | Y           |               |              |           | 500           | mg/kg | 1960   | mg/kg |
| RY501-B      | 10FC-RY501-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | SELENIUM      | 3.5           | N           | U             |              | U         | 3.5           | mg/kg | 3.9    | mg/kg |
| RY501-C      | 10FC-RY501-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ALUMINUM      | 20.0          | Y           |               |              |           | 20.0          | mg/kg | 11100  | mg/kg |
| RY501-C      | 10FC-RY501-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | IRON          | 10.0          | Y           |               |              |           | 10.0          | mg/kg | 11100  | mg/kg |
| RY501-C      | 10FC-RY501-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | LEAD          | 1.0           | Y           | J             | J            |           | 1.0           | mg/kg | 5.8    | mg/kg |
| RY501-C      | 10FC-RY501-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | MAGNESIUM     | 500           | Y           |               |              |           | 500           | mg/kg | 3910   | mg/kg |
| RY501-C      | 10FC-RY501-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | MANGANESE     | 1.5           | Y           | J             | J            |           | 1.5           | mg/kg | 386    | mg/kg |
| RY501-C      | 10FC-RY501-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | NICKEL        | 4.0           | Y           |               |              |           | 4.0           | mg/kg | 8.7    | mg/kg |
| RY501-C      | 10FC-RY501-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | POTASSIUM     | 500           | Y           |               |              |           | 500           | mg/kg | 1980   | mg/kg |
| RY501-C      | 10FC-RY501-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | SILVER        | 1.0           | N           | U             |              | U         | 1.0           | mg/kg | 1.1    | mg/kg |
| RY501-C      | 10FC-RY501-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | SODIUM        | 500           | Y           | J             | J            | J         | 500           | mg/kg | 180    | mg/kg |
| RY501-C      | 10FC-RY501-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5           | mg/kg | 2.9    | mg/kg |
| RY501-C      | 10FC-RY501-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ANTIMONY      | 6.0           | N           | UJ            | UJ           | U         | 6.0           | mg/kg | 6.9    | mg/kg |
| RY501-C      | 10FC-RY501-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ARSENIC       | 1.0           | Y           | J             | J            |           | 1.0           | mg/kg | 3.9    | mg/kg |
| RY501-C      | 10FC-RY501-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | BARIUM        | 20.0          | Y           |               |              |           | 20.0          | mg/kg | 115    | mg/kg |
| RY501-C      | 10FC-RY501-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | BERYLLIUM     | 0.50          | Y           | U             | 0.5U         | J         | 0.50          | mg/kg | 0.5    | mg/kg |
| RY501-C      | 10FC-RY501-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | CADMIUM       | 0.50          | Y           | J             |              | J         | 0.50          | mg/kg | 0.061  | mg/kg |
| RY501-C      | 10FC-RY501-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | CHROMIUM      | 1.0           | Y           | J             | J            |           | 1.0           | mg/kg | 6.4    | mg/kg |
| RY501-C      | 10FC-RY501-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | COBALT        | 5.0           | Y           | J             |              | J         | 5.0           | mg/kg | 5.2    | mg/kg |
| RY501-C      | 10FC-RY501-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | COPPER        | 2.5           | Y           |               |              |           | 2.5           | mg/kg | 9      | mg/kg |
| RY501-C      | 10FC-RY501-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | VANADIUM      | 5.0           | Y           |               |              |           | 5.0           | mg/kg | 13     | mg/kg |
| RY501-C      | 10FC-RY501-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ZINC          | 6.0           | Y           |               |              |           | 6.0           | mg/kg | 35.3   | mg/kg |
| RY501-C      | 10FC-RY501-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | CALCIUM       | 500           | Y           |               |              |           | 500           | mg/kg | 3080   | mg/kg |
| RY501-C      | 10FC-RY501-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | SELENIUM      | 3.5           | N           | U             |              | U         | 3.5           | mg/kg | 4      | mg/kg |
| RY501-C      | 10FC-RY501-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ALUMINUM      | 20.0          | Y           |               |              |           | 20.0          | mg/kg | 12500  | mg/kg |
| RY501-C      | 10FC-RY501-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | IRON          | 10.0          | Y           |               |              |           | 10.0          | mg/kg | 12700  | mg/kg |
| RY501-C      | 10FC-RY501-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | LEAD          | 1.0           | Y           | J             | J            |           | 1.0           | mg/kg | 5.9    | mg/kg |
| RY501-C      | 10FC-RY501-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | MAGNESIUM     | 500           | Y           |               |              |           | 500           | mg/kg | 4140   | mg/kg |
| RY501-C      | 10FC-RY501-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | MANGANESE     | 1.5           | Y           | J             | J            |           | 1.5           | mg/kg | 478    | mg/kg |
| RY501-C      | 10FC-RY501-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | NICKEL        | 4.0           | Y           |               |              |           | 4.0           | mg/kg | 9.8    | mg/kg |
| RY501-C      | 10FC-RY501-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | POTASSIUM     | 500           | Y           |               |              |           | 500           | mg/kg | 2100   | mg/kg |
| RY501-C      | 10FC-RY501-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | SILVER        | 1.0           | N           | U             |              | U         | 1.0           | mg/kg | 1.2    | mg/kg |
| RY501-C      | 10FC-RY501-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | SODIUM        | 500           | Y           | J             | J            | J         | 500           | mg/kg | 151    | mg/kg |
| RY501-C      | 10FC-RY501-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5           | mg/kg | 2.9    | mg/kg |
| RY501-C      | 10FC-RY501-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ANTIMONY      | 6.0           | N           | UJ            | UJ           | U         | 6.0           | mg/kg | 7      | mg/kg |
| RY501-C      | 10FC-RY501-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ARSENIC       | 1.0           | Y           | J             | J            |           | 1.0           | mg/kg | 3.5    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY501-C      | 10FC-RY501-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | BARIUM        | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 134    | mg/kg |
| RY501-C      | 10FC-RY501-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | BERYLLIUM     | 0.50                | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY501-C      | 10FC-RY501-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | CADMIUM       | 0.50                | Y           | J             |              | J         | 0.50                | mg/kg | 0.043  | mg/kg |
| RY501-C      | 10FC-RY501-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | CHROMIUM      | 1.0                 | Y           | J             | J            |           | 1.0                 | mg/kg | 7.4    | mg/kg |
| RY501-C      | 10FC-RY501-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | COBALT        | 5.0                 | Y           | J             |              | J         | 5.0                 | mg/kg | 5.5    | mg/kg |
| RY501-C      | 10FC-RY501-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 9.3    | mg/kg |
| RY501-C      | 10FC-RY501-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | VANADIUM      | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 13.1   | mg/kg |
| RY501-C      | 10FC-RY501-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 43.5   | mg/kg |
| RY501-C      | 10FC-RY501-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 2260   | mg/kg |
| RY501-C      | 10FC-RY501-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 4.1    | mg/kg |
| RY501-C      | 10FC-RY501-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | ALUMINUM      | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 13200  | mg/kg |
| RY501-C      | 10FC-RY501-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | IRON          | 10.0                | Y           |               |              |           | 10.0                | mg/kg | 12900  | mg/kg |
| RY501-C      | 10FC-RY501-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | LEAD          | 1.0                 | Y           | J             | J            |           | 1.0                 | mg/kg | 5.9    | mg/kg |
| RY501-C      | 10FC-RY501-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 5110   | mg/kg |
| RY501-C      | 10FC-RY501-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 243    | mg/kg |
| RY501-C      | 10FC-RY501-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | NICKEL        | 4.0                 | Y           |               |              |           | 4.0                 | mg/kg | 9.9    | mg/kg |
| RY501-C      | 10FC-RY501-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2240   | mg/kg |
| RY501-C      | 10FC-RY501-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | SILVER        | 1.0                 | N           | U             |              | U         | 1.0                 | mg/kg | 1.1    | mg/kg |
| RY501-C      | 10FC-RY501-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | SODIUM        | 500                 | Y           | J             | J            | J         | 500                 | mg/kg | 166    | mg/kg |
| RY501-C      | 10FC-RY501-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.9    | mg/kg |
| RY501-C      | 10FC-RY501-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | ANTIMONY      | 6.0                 | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 6.9    | mg/kg |
| RY501-C      | 10FC-RY501-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | ARSENIC       | 1.0                 | Y           | J             | J            |           | 1.0                 | mg/kg | 4      | mg/kg |
| RY501-C      | 10FC-RY501-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | BARIUM        | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 88     | mg/kg |
| RY501-C      | 10FC-RY501-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | BERYLLIUM     | 0.50                | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY501-C      | 10FC-RY501-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | CADMIUM       | 0.50                | Y           | J             |              | J         | 0.50                | mg/kg | 0.028  | mg/kg |
| RY501-C      | 10FC-RY501-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | CHROMIUM      | 1.0                 | Y           | J             | J            |           | 1.0                 | mg/kg | 8.1    | mg/kg |
| RY501-C      | 10FC-RY501-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | COBALT        | 5.0                 | Y           | J             |              | J         | 5.0                 | mg/kg | 5.5    | mg/kg |
| RY501-C      | 10FC-RY501-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 9.2    | mg/kg |
| RY501-C      | 10FC-RY501-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | VANADIUM      | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 13.9   | mg/kg |
| RY501-C      | 10FC-RY501-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 31.5   | mg/kg |
| RY501-C      | 10FC-RY501-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 1680   | mg/kg |
| RY501-C      | 10FC-RY501-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 4      | mg/kg |
| RY501-D      | 10FC-RY501-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ALUMINUM      | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 10500  | mg/kg |
| RY501-D      | 10FC-RY501-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | IRON          | 10.0                | Y           |               |              |           | 10.0                | mg/kg | 15300  | mg/kg |
| RY501-D      | 10FC-RY501-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | LEAD          | 1.0                 | Y           | J             | J            |           | 1.0                 | mg/kg | 5.2    | mg/kg |
| RY501-D      | 10FC-RY501-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 5360   | mg/kg |
| RY501-D      | 10FC-RY501-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 352    | mg/kg |
| RY501-D      | 10FC-RY501-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | NICKEL        | 4.0                 | Y           |               |              |           | 4.0                 | mg/kg | 12.5   | mg/kg |
| RY501-D      | 10FC-RY501-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1910   | mg/kg |
| RY501-D      | 10FC-RY501-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | SILVER        | 1.0                 | N           | U             |              | U         | 1.0                 | mg/kg | 1      | mg/kg |
| RY501-D      | 10FC-RY501-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | SODIUM        | 500                 | Y           | J             | J            | J         | 500                 | mg/kg | 196    | mg/kg |
| RY501-D      | 10FC-RY501-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.5    | mg/kg |
| RY501-D      | 10FC-RY501-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ANTIMONY      | 6.0                 | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 6.1    | mg/kg |
| RY501-D      | 10FC-RY501-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ARSENIC       | 1.0                 | Y           | J             | J            |           | 1.0                 | mg/kg | 17.5   | mg/kg |
| RY501-D      | 10FC-RY501-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | BARIUM        | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 99     | mg/kg |
| RY501-D      | 10FC-RY501-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | BERYLLIUM     | 0.50                | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY501-D      | 10FC-RY501-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | CADMIUM       | 0.50                | Y           | J             |              | J         | 0.50                | mg/kg | 0.063  | mg/kg |
| RY501-D      | 10FC-RY501-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | CHROMIUM      | 1.0                 | Y           | J             | J            |           | 1.0                 | mg/kg | 10.6   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY501-D      | 10FC-RY501-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | COBALT        | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 7.9    | mg/kg |
| RY501-D      | 10FC-RY501-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 15.8   | mg/kg |
| RY501-D      | 10FC-RY501-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | VANADIUM      | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 11.9   | mg/kg |
| RY501-D      | 10FC-RY501-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 30.3   | mg/kg |
| RY501-D      | 10FC-RY501-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 1920   | mg/kg |
| RY501-D      | 10FC-RY501-D-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.6    | mg/kg |
| RY501-D      | 10FC-RY501-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ALUMINUM      | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 13400  | mg/kg |
| RY501-D      | 10FC-RY501-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | IRON          | 10.0                | Y           |               |              |           | 10.0                | mg/kg | 16000  | mg/kg |
| RY501-D      | 10FC-RY501-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | LEAD          | 1.0                 | Y           | J             | J            |           | 1.0                 | mg/kg | 6.7    | mg/kg |
| RY501-D      | 10FC-RY501-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 4580   | mg/kg |
| RY501-D      | 10FC-RY501-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 315    | mg/kg |
| RY501-D      | 10FC-RY501-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | NICKEL        | 4.0                 | Y           |               |              |           | 4.0                 | mg/kg | 11.5   | mg/kg |
| RY501-D      | 10FC-RY501-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1690   | mg/kg |
| RY501-D      | 10FC-RY501-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | SILVER        | 1.0                 | N           | U             |              | U         | 1.0                 | mg/kg | 1      | mg/kg |
| RY501-D      | 10FC-RY501-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | SODIUM        | 500                 | Y           | J             | J            | J         | 500                 | mg/kg | 227    | mg/kg |
| RY501-D      | 10FC-RY501-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY501-D      | 10FC-RY501-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ANTIMONY      | 6.0                 | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 6.3    | mg/kg |
| RY501-D      | 10FC-RY501-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ARSENIC       | 1.0                 | Y           | J             | J            |           | 1.0                 | mg/kg | 12.6   | mg/kg |
| RY501-D      | 10FC-RY501-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | BARIUM        | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 103    | mg/kg |
| RY501-D      | 10FC-RY501-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | BERYLLIUM     | 0.50                | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY501-D      | 10FC-RY501-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | CADMIUM       | 0.50                | Y           | J             |              | J         | 0.50                | mg/kg | 0.047  | mg/kg |
| RY501-D      | 10FC-RY501-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | CHROMIUM      | 1.0                 | Y           | J             | J            |           | 1.0                 | mg/kg | 9.4    | mg/kg |
| RY501-D      | 10FC-RY501-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | COBALT        | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 7      | mg/kg |
| RY501-D      | 10FC-RY501-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 15.8   | mg/kg |
| RY501-D      | 10FC-RY501-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | VANADIUM      | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 12.6   | mg/kg |
| RY501-D      | 10FC-RY501-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 33.7   | mg/kg |
| RY501-D      | 10FC-RY501-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 1990   | mg/kg |
| RY501-D      | 10FC-RY501-D-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.6    | mg/kg |
| RY501-D      | 10FC-RY501-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | ALUMINUM      | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 13700  | mg/kg |
| RY501-D      | 10FC-RY501-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | IRON          | 10.0                | Y           |               |              |           | 10.0                | mg/kg | 11900  | mg/kg |
| RY501-D      | 10FC-RY501-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | LEAD          | 1.0                 | Y           | J             | J            |           | 1.0                 | mg/kg | 6      | mg/kg |
| RY501-D      | 10FC-RY501-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3090   | mg/kg |
| RY501-D      | 10FC-RY501-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 266    | mg/kg |
| RY501-D      | 10FC-RY501-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | NICKEL        | 4.0                 | Y           |               |              |           | 4.0                 | mg/kg | 7.8    | mg/kg |
| RY501-D      | 10FC-RY501-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1840   | mg/kg |
| RY501-D      | 10FC-RY501-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | SILVER        | 1.0                 | N           | U             |              | U         | 1.0                 | mg/kg | 1.1    | mg/kg |
| RY501-D      | 10FC-RY501-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | SODIUM        | 500                 | Y           | J             | J            | J         | 500                 | mg/kg | 172    | mg/kg |
| RY501-D      | 10FC-RY501-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.7    | mg/kg |
| RY501-D      | 10FC-RY501-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | ANTIMONY      | 6.0                 | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 6.4    | mg/kg |
| RY501-D      | 10FC-RY501-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | ARSENIC       | 1.0                 | Y           | J             | J            |           | 1.0                 | mg/kg | 3.5    | mg/kg |
| RY501-D      | 10FC-RY501-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | BARIUM        | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 135    | mg/kg |
| RY501-D      | 10FC-RY501-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | BERYLLIUM     | 0.50                | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY501-D      | 10FC-RY501-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | CADMIUM       | 0.50                | Y           | J             |              | J         | 0.50                | mg/kg | 0.036  | mg/kg |
| RY501-D      | 10FC-RY501-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | CHROMIUM      | 1.0                 | Y           | J             | J            |           | 1.0                 | mg/kg | 5.9    | mg/kg |
| RY501-D      | 10FC-RY501-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | COBALT        | 5.0                 | Y           | J             |              | J         | 5.0                 | mg/kg | 5      | mg/kg |
| RY501-D      | 10FC-RY501-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 8      | mg/kg |
| RY501-D      | 10FC-RY501-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | VANADIUM      | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 13.9   | mg/kg |
| RY501-D      | 10FC-RY501-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 26.9   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY501-D      | 10FC-RY501-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | CALCIUM       | 500           | Y           |               |              |           | 500                 | mg/kg | 1540   | mg/kg |
| RY501-D      | 10FC-RY501-D-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | SELENIUM      | 3.5           | N           | U             |              | U         | 3.5                 | mg/kg | 3.7    | mg/kg |
| RY501-E      | 10FC-RY501-E-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ALUMINUM      | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 16900  | mg/kg |
| RY501-E      | 10FC-RY501-E-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | IRON          | 10.0          | Y           |               |              |           | 10.0                | mg/kg | 20000  | mg/kg |
| RY501-E      | 10FC-RY501-E-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | LEAD          | 1.0           | Y           | J             | J            |           | 1.0                 | mg/kg | 7.6    | mg/kg |
| RY501-E      | 10FC-RY501-E-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | MAGNESIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 6170   | mg/kg |
| RY501-E      | 10FC-RY501-E-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | MANGANESE     | 1.5           | Y           | J             | J            |           | 1.5                 | mg/kg | 390    | mg/kg |
| RY501-E      | 10FC-RY501-E-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | NICKEL        | 4.0           | Y           |               |              |           | 4.0                 | mg/kg | 14.5   | mg/kg |
| RY501-E      | 10FC-RY501-E-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | POTASSIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 2200   | mg/kg |
| RY501-E      | 10FC-RY501-E-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | SILVER        | 1.0           | N           | U             |              | U         | 1.0                 | mg/kg | 1.2    | mg/kg |
| RY501-E      | 10FC-RY501-E-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | SODIUM        | 500           | Y           | J             | J            | J         | 500                 | mg/kg | 264    | mg/kg |
| RY501-E      | 10FC-RY501-E-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 3      | mg/kg |
| RY501-E      | 10FC-RY501-E-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ANTIMONY      | 6.0           | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 7.2    | mg/kg |
| RY501-E      | 10FC-RY501-E-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ARSENIC       | 1.0           | Y           | J             | J            |           | 1.0                 | mg/kg | 14.7   | mg/kg |
| RY501-E      | 10FC-RY501-E-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | BARIUM        | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 127    | mg/kg |
| RY501-E      | 10FC-RY501-E-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | BERYLLIUM     | 0.50          | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY501-E      | 10FC-RY501-E-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | CADMIUM       | 0.50          | Y           | J             |              | J         | 0.50                | mg/kg | 0.079  | mg/kg |
| RY501-E      | 10FC-RY501-E-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | CHROMIUM      | 1.0           | Y           | J             | J            |           | 1.0                 | mg/kg | 12.2   | mg/kg |
| RY501-E      | 10FC-RY501-E-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | COBALT        | 5.0           | Y           |               |              |           | 5.0                 | mg/kg | 9.9    | mg/kg |
| RY501-E      | 10FC-RY501-E-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | COPPER        | 2.5           | Y           |               |              |           | 2.5                 | mg/kg | 20.5   | mg/kg |
| RY501-E      | 10FC-RY501-E-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | VANADIUM      | 5.0           | Y           |               |              |           | 5.0                 | mg/kg | 18     | mg/kg |
| RY501-E      | 10FC-RY501-E-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ZINC          | 6.0           | Y           |               |              |           | 6.0                 | mg/kg | 41.5   | mg/kg |
| RY501-E      | 10FC-RY501-E-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | CALCIUM       | 500           | Y           |               |              |           | 500                 | mg/kg | 2730   | mg/kg |
| RY501-E      | 10FC-RY501-E-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | SELENIUM      | 3.5           | N           | U             |              | U         | 3.5                 | mg/kg | 4.2    | mg/kg |
| RY501-E      | 10FC-RY501-E-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ALUMINUM      | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 19800  | mg/kg |
| RY501-E      | 10FC-RY501-E-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | IRON          | 10.0          | Y           |               |              |           | 10.0                | mg/kg | 15200  | mg/kg |
| RY501-E      | 10FC-RY501-E-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | LEAD          | 1.0           | Y           | J             | J            |           | 1.0                 | mg/kg | 10.3   | mg/kg |
| RY501-E      | 10FC-RY501-E-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | MAGNESIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 3800   | mg/kg |
| RY501-E      | 10FC-RY501-E-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ANTIMONY      | 6.0           | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 6.9    | mg/kg |
| RY501-E      | 10FC-RY501-E-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ARSENIC       | 1.0           | Y           | J             | J            |           | 1.0                 | mg/kg | 5      | mg/kg |
| RY501-E      | 10FC-RY501-E-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | BARIUM        | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 293    | mg/kg |
| RY501-E      | 10FC-RY501-E-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | BERYLLIUM     | 0.50          | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY501-E      | 10FC-RY501-E-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | CADMIUM       | 0.50          | Y           | J             |              | J         | 0.50                | mg/kg | 0.11   | mg/kg |
| RY501-E      | 10FC-RY501-E-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | CHROMIUM      | 1.0           | Y           | J             | J            |           | 1.0                 | mg/kg | 7.2    | mg/kg |
| RY501-E      | 10FC-RY501-E-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | COBALT        | 5.0           | Y           |               |              |           | 5.0                 | mg/kg | 7.2    | mg/kg |
| RY501-E      | 10FC-RY501-E-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | COPPER        | 2.5           | Y           |               |              |           | 2.5                 | mg/kg | 11.5   | mg/kg |
| RY501-E      | 10FC-RY501-E-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | CALCIUM       | 500           | Y           |               |              |           | 500                 | mg/kg | 3210   | mg/kg |
| RY501-E      | 10FC-RY501-E-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | MANGANESE     | 1.5           | Y           | J             | J            |           | 1.5                 | mg/kg | 575    | mg/kg |
| RY501-E      | 10FC-RY501-E-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | NICKEL        | 4.0           | Y           |               |              |           | 4.0                 | mg/kg | 11.5   | mg/kg |
| RY501-E      | 10FC-RY501-E-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | POTASSIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 2540   | mg/kg |
| RY501-E      | 10FC-RY501-E-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | SILVER        | 1.0           | N           | U             |              | U         | 1.0                 | mg/kg | 1.2    | mg/kg |
| RY501-E      | 10FC-RY501-E-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | SODIUM        | 500           | Y           | J             | J            | J         | 500                 | mg/kg | 233    | mg/kg |
| RY501-E      | 10FC-RY501-E-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.9    | mg/kg |
| RY501-E      | 10FC-RY501-E-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | VANADIUM      | 5.0           | Y           |               |              |           | 5.0                 | mg/kg | 16.8   | mg/kg |
| RY501-E      | 10FC-RY501-E-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | ZINC          | 6.0           | Y           |               |              |           | 6.0                 | mg/kg | 62.2   | mg/kg |
| RY501-E      | 10FC-RY501-E-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | SELENIUM      | 3.5           | N           | U             |              | U         | 3.5                 | mg/kg | 4      | mg/kg |
| RY501-E      | 10FC-RY501-E-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | ALUMINUM      | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 15700  | mg/kg |
| RY501-E      | 10FC-RY501-E-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | IRON          | 10.0          | Y           |               |              |           | 10.0                | mg/kg | 11300  | mg/kg |



Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY501-E      | 10FC-RY501-E-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | LEAD          | 1.0                 | Y           | J             | J            |           | 1.0                 | mg/kg | 3.7    | mg/kg |
| RY501-E      | 10FC-RY501-E-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3050   | mg/kg |
| RY501-E      | 10FC-RY501-E-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | ANTIMONY      | 6.0                 | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 7.6    | mg/kg |
| RY501-E      | 10FC-RY501-E-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | ARSENIC       | 1.0                 | Y           | J             | J            |           | 1.0                 | mg/kg | 1.6    | mg/kg |
| RY501-E      | 10FC-RY501-E-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | BARIUM        | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 244    | mg/kg |
| RY501-E      | 10FC-RY501-E-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | BERYLLIUM     | 0.50                | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY501-E      | 10FC-RY501-E-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | CADMIUM       | 0.50                | Y           | J             |              | J         | 0.50                | mg/kg | 0.11   | mg/kg |
| RY501-E      | 10FC-RY501-E-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | CHROMIUM      | 1.0                 | Y           | J             | J            |           | 1.0                 | mg/kg | 5.5    | mg/kg |
| RY501-E      | 10FC-RY501-E-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | COBALT        | 5.0                 | Y           |               |              | J         | 5.0                 | mg/kg | 2.9    | mg/kg |
| RY501-E      | 10FC-RY501-E-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | COPPER        | 2.5                 | Y           | J+            | J+           |           | 2.5                 | mg/kg | 6.1    | mg/kg |
| RY501-E      | 10FC-RY501-E-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 2430   | mg/kg |
| RY501-E      | 10FC-RY501-E-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 827    | mg/kg |
| RY501-E      | 10FC-RY501-E-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | NICKEL        | 4.0                 | Y           | J             |              | J         | 4.0                 | mg/kg | 4.1    | mg/kg |
| RY501-E      | 10FC-RY501-E-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1650   | mg/kg |
| RY501-E      | 10FC-RY501-E-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | SILVER        | 1.0                 | N           | U             |              | U         | 1.0                 | mg/kg | 1.3    | mg/kg |
| RY501-E      | 10FC-RY501-E-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | SODIUM        | 500                 | Y           | J             | J            | J         | 500                 | mg/kg | 206    | mg/kg |
| RY501-E      | 10FC-RY501-E-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 3.2    | mg/kg |
| RY501-E      | 10FC-RY501-E-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | VANADIUM      | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 11.7   | mg/kg |
| RY501-E      | 10FC-RY501-E-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 20     | mg/kg |
| RY501-E      | 10FC-RY501-E-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 1.3    | mg/kg |
| RY502-A      | 10FC-RY502-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | ALUMINUM      | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 14500  | mg/kg |
| RY502-A      | 10FC-RY502-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | IRON          | 10.0                | Y           |               |              |           | 10.0                | mg/kg | 14100  | mg/kg |
| RY502-A      | 10FC-RY502-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | LEAD          | 1.0                 | Y           | J             | J            |           | 1.0                 | mg/kg | 6.2    | mg/kg |
| RY502-A      | 10FC-RY502-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 5210   | mg/kg |
| RY502-A      | 10FC-RY502-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 346    | mg/kg |
| RY502-A      | 10FC-RY502-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | NICKEL        | 4.0                 | Y           |               |              |           | 4.0                 | mg/kg | 9.6    | mg/kg |
| RY502-A      | 10FC-RY502-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2380   | mg/kg |
| RY502-A      | 10FC-RY502-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | SILVER        | 1.0                 | N           | U             |              | U         | 1.0                 | mg/kg | 1.2    | mg/kg |
| RY502-A      | 10FC-RY502-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | SODIUM        | 500                 | Y           | J             | J            | J         | 500                 | mg/kg | 164    | mg/kg |
| RY502-A      | 10FC-RY502-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 3      | mg/kg |
| RY502-A      | 10FC-RY502-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | ANTIMONY      | 6.0                 | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 7.2    | mg/kg |
| RY502-A      | 10FC-RY502-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | ARSENIC       | 1.0                 | Y           | J             | J            |           | 1.0                 | mg/kg | 3.3    | mg/kg |
| RY502-A      | 10FC-RY502-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | BARIUM        | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 149    | mg/kg |
| RY502-A      | 10FC-RY502-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | BERYLLIUM     | 0.50                | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY502-A      | 10FC-RY502-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | CADMIUM       | 0.50                | Y           | J             |              | J         | 0.50                | mg/kg | 0.13   | mg/kg |
| RY502-A      | 10FC-RY502-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | CHROMIUM      | 1.0                 | Y           | J             | J            |           | 1.0                 | mg/kg | 8.6    | mg/kg |
| RY502-A      | 10FC-RY502-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | COBALT        | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 6      | mg/kg |
| RY502-A      | 10FC-RY502-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | COPPER        | 2.5                 | Y           | J+            | J+           |           | 2.5                 | mg/kg | 13.3   | mg/kg |
| RY502-A      | 10FC-RY502-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | VANADIUM      | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 15.1   | mg/kg |
| RY502-A      | 10FC-RY502-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 36.4   | mg/kg |
| RY502-A      | 10FC-RY502-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 2580   | mg/kg |
| RY502-A      | 10FC-RY502-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.55   | mg/kg |
| RY502-A      | 10FC-RY502-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | ALUMINUM      | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 9590   | mg/kg |
| RY502-A      | 10FC-RY502-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | IRON          | 10.0                | Y           |               |              |           | 10.0                | mg/kg | 11000  | mg/kg |
| RY502-A      | 10FC-RY502-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | LEAD          | 1.0                 | Y           | J             | J            |           | 1.0                 | mg/kg | 3.7    | mg/kg |
| RY502-A      | 10FC-RY502-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 4340   | mg/kg |
| RY502-A      | 10FC-RY502-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 202    | mg/kg |
| RY502-A      | 10FC-RY502-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | NICKEL        | 4.0                 | Y           |               |              |           | 4.0                 | mg/kg | 9.2    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report       | detect flag | interp. quals | valid. quals | lab quals | report       | result unit | result unit |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|--------------|-------------|---------------|--------------|-----------|--------------|-------------|-------------|
|              |                     |             |             |             |           |            |                 |               |               | result limit |             |               |              |           | detect limit |             |             |
| RY502-A      | 10FC-RY502-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | POTASSIUM     | 500          | Y           |               |              |           | 500          | mg/kg       | 2010 mg/kg  |
| RY502-A      | 10FC-RY502-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | SILVER        | 1.0          | N           | U             |              | U         | 1.0          | mg/kg       | 1 mg/kg     |
| RY502-A      | 10FC-RY502-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | SODIUM        | 500          | Y           | J             | J            | J         | 500          | mg/kg       | 115 mg/kg   |
| RY502-A      | 10FC-RY502-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | THALLIUM      | 2.5          | N           | U             |              | U         | 2.5          | mg/kg       | 2.6 mg/kg   |
| RY502-A      | 10FC-RY502-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | ANTIMONY      | 6.0          | N           | UJ            | UJ           | U         | 6.0          | mg/kg       | 6.2 mg/kg   |
| RY502-A      | 10FC-RY502-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | ARSENIC       | 1.0          | Y           | J             | J            |           | 1.0          | mg/kg       | 2.5 mg/kg   |
| RY502-A      | 10FC-RY502-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | BARIUM        | 20.0         | Y           |               |              |           | 20.0         | mg/kg       | 76.5 mg/kg  |
| RY502-A      | 10FC-RY502-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | BERYLLIUM     | 0.50         | Y           | U             | 0.5U         | J         | 0.50         | mg/kg       | 0.5 mg/kg   |
| RY502-A      | 10FC-RY502-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | CADMIUM       | 0.50         | Y           | J             |              | J         | 0.50         | mg/kg       | 0.087 mg/kg |
| RY502-A      | 10FC-RY502-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | CHROMIUM      | 1.0          | Y           | J             | J            |           | 1.0          | mg/kg       | 7.1 mg/kg   |
| RY502-A      | 10FC-RY502-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | COBALT        | 5.0          | Y           | J             |              | J         | 5.0          | mg/kg       | 4.9 mg/kg   |
| RY502-A      | 10FC-RY502-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | COPPER        | 2.5          | Y           | J+            | J+           |           | 2.5          | mg/kg       | 9.1 mg/kg   |
| RY502-A      | 10FC-RY502-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | VANADIUM      | 5.0          | Y           |               |              |           | 5.0          | mg/kg       | 10.5 mg/kg  |
| RY502-A      | 10FC-RY502-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | ZINC          | 6.0          | Y           |               |              |           | 6.0          | mg/kg       | 19.1 mg/kg  |
| RY502-A      | 10FC-RY502-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | CALCIUM       | 500          | Y           |               |              |           | 500          | mg/kg       | 1490 mg/kg  |
| RY502-A      | 10FC-RY502-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | SELENIUM      | 3.5          | Y           | J             |              | J         | 3.5          | mg/kg       | 0.31 mg/kg  |
| RY502-B      | 10FC-RY502-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | ALUMINUM      | 20.0         | Y           |               |              |           | 20.0         | mg/kg       | 12200 mg/kg |
| RY502-B      | 10FC-RY502-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | IRON          | 10.0         | Y           |               |              |           | 10.0         | mg/kg       | 13300 mg/kg |
| RY502-B      | 10FC-RY502-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | LEAD          | 1.0          | Y           | J             | J            |           | 1.0          | mg/kg       | 5.4 mg/kg   |
| RY502-B      | 10FC-RY502-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | MAGNESIUM     | 500          | Y           |               |              |           | 500          | mg/kg       | 4450 mg/kg  |
| RY502-B      | 10FC-RY502-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | MANGANESE     | 1.5          | Y           | J             | J            |           | 1.5          | mg/kg       | 354 mg/kg   |
| RY502-B      | 10FC-RY502-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | NICKEL        | 4.0          | Y           |               |              |           | 4.0          | mg/kg       | 9.7 mg/kg   |
| RY502-B      | 10FC-RY502-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | POTASSIUM     | 500          | Y           |               |              |           | 500          | mg/kg       | 2380 mg/kg  |
| RY502-B      | 10FC-RY502-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | SILVER        | 1.0          | N           | U             |              | U         | 1.0          | mg/kg       | 1.1 mg/kg   |
| RY502-B      | 10FC-RY502-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | SODIUM        | 500          | Y           | J             | J            | J         | 500          | mg/kg       | 138 mg/kg   |
| RY502-B      | 10FC-RY502-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | THALLIUM      | 2.5          | N           | U             |              | U         | 2.5          | mg/kg       | 2.9 mg/kg   |
| RY502-B      | 10FC-RY502-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | ANTIMONY      | 6.0          | N           | UJ            | UJ           | U         | 6.0          | mg/kg       | 6.9 mg/kg   |
| RY502-B      | 10FC-RY502-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | ARSENIC       | 1.0          | Y           | J             | J            |           | 1.0          | mg/kg       | 2.3 mg/kg   |
| RY502-B      | 10FC-RY502-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | BARIUM        | 20.0         | Y           |               |              |           | 20.0         | mg/kg       | 11.1 mg/kg  |
| RY502-B      | 10FC-RY502-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | BERYLLIUM     | 0.50         | Y           | U             | 0.5U         | J         | 0.50         | mg/kg       | 0.5 mg/kg   |
| RY502-B      | 10FC-RY502-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | CADMIUM       | 0.50         | Y           | J             |              | J         | 0.50         | mg/kg       | 0.1 mg/kg   |
| RY502-B      | 10FC-RY502-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | CHROMIUM      | 1.0          | Y           | J             | J            |           | 1.0          | mg/kg       | 7.2 mg/kg   |
| RY502-B      | 10FC-RY502-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | COBALT        | 5.0          | Y           |               |              |           | 5.0          | mg/kg       | 6.1 mg/kg   |
| RY502-B      | 10FC-RY502-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | COPPER        | 2.5          | Y           | J+            | J+           |           | 2.5          | mg/kg       | 10.3 mg/kg  |
| RY502-B      | 10FC-RY502-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | VANADIUM      | 5.0          | Y           |               |              |           | 5.0          | mg/kg       | 13 mg/kg    |
| RY502-B      | 10FC-RY502-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | ZINC          | 6.0          | Y           |               |              |           | 6.0          | mg/kg       | 29.5 mg/kg  |
| RY502-B      | 10FC-RY502-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | CALCIUM       | 500          | Y           |               |              |           | 500          | mg/kg       | 1640 mg/kg  |
| RY502-B      | 10FC-RY502-B-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | SELENIUM      | 3.5          | Y           | J             |              | J         | 3.5          | mg/kg       | 0.44 mg/kg  |
| RY502-B      | 10FC-RY502-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | ALUMINUM      | 20.0         | Y           |               |              |           | 20.0         | mg/kg       | 15100 mg/kg |
| RY502-B      | 10FC-RY502-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | IRON          | 10.0         | Y           |               |              |           | 10.0         | mg/kg       | 13500 mg/kg |
| RY502-B      | 10FC-RY502-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | LEAD          | 1.0          | Y           | J             | J            |           | 1.0          | mg/kg       | 7.8 mg/kg   |
| RY502-B      | 10FC-RY502-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | MAGNESIUM     | 500          | Y           |               |              |           | 500          | mg/kg       | 3950 mg/kg  |
| RY502-B      | 10FC-RY502-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | ANTIMONY      | 6.0          | N           | UJ            | UJ           | U         | 6.0          | mg/kg       | 7.7 mg/kg   |
| RY502-B      | 10FC-RY502-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | ARSENIC       | 1.0          | Y           | J             | J            |           | 1.0          | mg/kg       | 2.8 mg/kg   |
| RY502-B      | 10FC-RY502-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | BARIUM        | 20.0         | Y           |               |              |           | 20.0         | mg/kg       | 242 mg/kg   |
| RY502-B      | 10FC-RY502-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | BERYLLIUM     | 0.50         | Y           | U             | 0.5U         | J         | 0.50         | mg/kg       | 0.5 mg/kg   |
| RY502-B      | 10FC-RY502-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | CADMIUM       | 0.50         | Y           | J             |              | J         | 0.50         | mg/kg       | 0.16 mg/kg  |
| RY502-B      | 10FC-RY502-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | CHROMIUM      | 1.0          | Y           | J             | J            |           | 1.0          | mg/kg       | 7.1 mg/kg   |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY502-B      | 10FC-RY502-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | COBALT        | 5.0                 | Y           | J             |              | J         | 5.0                 | mg/kg | 4.6    | mg/kg |
| RY502-B      | 10FC-RY502-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | COPPER        | 2.5                 | Y           | J+            | J+           |           | 2.5                 | mg/kg | 10.8   | mg/kg |
| RY502-B      | 10FC-RY502-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 5680   | mg/kg |
| RY502-B      | 10FC-RY502-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 348    | mg/kg |
| RY502-B      | 10FC-RY502-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | NICKEL        | 4.0                 | Y           |               |              |           | 4.0                 | mg/kg | 6.7    | mg/kg |
| RY502-B      | 10FC-RY502-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1960   | mg/kg |
| RY502-B      | 10FC-RY502-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | SILVER        | 1.0                 | N           | U             |              | U         | 1.0                 | mg/kg | 1.3    | mg/kg |
| RY502-B      | 10FC-RY502-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | SODIUM        | 500                 | Y           | J             | J            | J         | 500                 | mg/kg | 178    | mg/kg |
| RY502-B      | 10FC-RY502-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 3.2    | mg/kg |
| RY502-B      | 10FC-RY502-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | VANADIUM      | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 14.6   | mg/kg |
| RY502-B      | 10FC-RY502-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 37.8   | mg/kg |
| RY502-B      | 10FC-RY502-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 1.1    | mg/kg |
| RY502-B      | 10FC-RY502-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | ALUMINUM      | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 18100  | mg/kg |
| RY502-B      | 10FC-RY502-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | IRON          | 10.0                | Y           |               |              |           | 10.0                | mg/kg | 14800  | mg/kg |
| RY502-B      | 10FC-RY502-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | LEAD          | 1.0                 | Y           | J             | J            |           | 1.0                 | mg/kg | 7      | mg/kg |
| RY502-B      | 10FC-RY502-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 4120   | mg/kg |
| RY502-B      | 10FC-RY502-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 416    | mg/kg |
| RY502-B      | 10FC-RY502-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | NICKEL        | 4.0                 | Y           |               |              |           | 4.0                 | mg/kg | 11.1   | mg/kg |
| RY502-B      | 10FC-RY502-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2320   | mg/kg |
| RY502-B      | 10FC-RY502-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | SILVER        | 1.0                 | N           | U             |              | U         | 1.0                 | mg/kg | 1.2    | mg/kg |
| RY502-B      | 10FC-RY502-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | SODIUM        | 500                 | Y           | J             | J            | J         | 500                 | mg/kg | 187    | mg/kg |
| RY502-B      | 10FC-RY502-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.9    | mg/kg |
| RY502-B      | 10FC-RY502-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | ANTIMONY      | 6.0                 | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 7.1    | mg/kg |
| RY502-B      | 10FC-RY502-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | ARSENIC       | 1.0                 | Y           | J             | J            |           | 1.0                 | mg/kg | 3.1    | mg/kg |
| RY502-B      | 10FC-RY502-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | BARIUM        | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 180    | mg/kg |
| RY502-B      | 10FC-RY502-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | BERYLLIUM     | 0.50                | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY502-B      | 10FC-RY502-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | CADMIUM       | 0.50                | Y           | J             |              | J         | 0.50                | mg/kg | 0.12   | mg/kg |
| RY502-B      | 10FC-RY502-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | CHROMIUM      | 1.0                 | Y           | J             | J            |           | 1.0                 | mg/kg | 8.6    | mg/kg |
| RY502-B      | 10FC-RY502-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | COBALT        | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 8.9    | mg/kg |
| RY502-B      | 10FC-RY502-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | COPPER        | 2.5                 | Y           | J+            | J+           |           | 2.5                 | mg/kg | 11.6   | mg/kg |
| RY502-B      | 10FC-RY502-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | VANADIUM      | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 17.2   | mg/kg |
| RY502-B      | 10FC-RY502-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 35.2   | mg/kg |
| RY502-B      | 10FC-RY502-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 2050   | mg/kg |
| RY502-B      | 10FC-RY502-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.73   | mg/kg |
| RY502-B      | 10FC-RY502-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | ALUMINUM      | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 14100  | mg/kg |
| RY502-B      | 10FC-RY502-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | IRON          | 10.0                | Y           |               |              |           | 10.0                | mg/kg | 17800  | mg/kg |
| RY502-B      | 10FC-RY502-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | LEAD          | 1.0                 | Y           | J             | J            |           | 1.0                 | mg/kg | 6.9    | mg/kg |
| RY502-B      | 10FC-RY502-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 4990   | mg/kg |
| RY502-B      | 10FC-RY502-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 346    | mg/kg |
| RY502-B      | 10FC-RY502-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | NICKEL        | 4.0                 | Y           |               |              |           | 4.0                 | mg/kg | 11.6   | mg/kg |
| RY502-B      | 10FC-RY502-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1730   | mg/kg |
| RY502-B      | 10FC-RY502-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | SILVER        | 1.0                 | N           | U             |              | U         | 1.0                 | mg/kg | 1.2    | mg/kg |
| RY502-B      | 10FC-RY502-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | SODIUM        | 500                 | Y           | J             | J            | J         | 500                 | mg/kg | 275    | mg/kg |
| RY502-B      | 10FC-RY502-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.9    | mg/kg |
| RY502-B      | 10FC-RY502-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | ANTIMONY      | 6.0                 | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 7      | mg/kg |
| RY502-B      | 10FC-RY502-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | ARSENIC       | 1.0                 | Y           | J             | J            |           | 1.0                 | mg/kg | 10.6   | mg/kg |
| RY502-B      | 10FC-RY502-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | BARIUM        | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 110    | mg/kg |
| RY502-B      | 10FC-RY502-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | BERYLLIUM     | 0.50                | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY502-B      | 10FC-RY502-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | CADMIUM       | 0.50                | Y           | J             |              | J         | 0.50                | mg/kg | 0.22   | mg/kg |
| RY502-B      | 10FC-RY502-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | CHROMIUM      | 1.0                 | Y           | J             | J            |           | 1.0                 | mg/kg | 10.6   | mg/kg |
| RY502-B      | 10FC-RY502-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | COBALT        | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 7.6    | mg/kg |
| RY502-B      | 10FC-RY502-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | COPPER        | 2.5                 | Y           | J+            | J+           |           | 2.5                 | mg/kg | 17.1   | mg/kg |
| RY502-B      | 10FC-RY502-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | VANADIUM      | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 13.4   | mg/kg |
| RY502-B      | 10FC-RY502-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 35.3   | mg/kg |
| RY502-B      | 10FC-RY502-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 2130   | mg/kg |
| RY502-B      | 10FC-RY502-B-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.79   | mg/kg |
| RY502-C      | 10FC-RY502-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | ALUMINUM      | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 15300  | mg/kg |
| RY502-C      | 10FC-RY502-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | IRON          | 10.0                | Y           |               |              |           | 10.0                | mg/kg | 17000  | mg/kg |
| RY502-C      | 10FC-RY502-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | LEAD          | 1.0                 | Y           | J             | J            |           | 1.0                 | mg/kg | 8.4    | mg/kg |
| RY502-C      | 10FC-RY502-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 5490   | mg/kg |
| RY502-C      | 10FC-RY502-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 353    | mg/kg |
| RY502-C      | 10FC-RY502-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | NICKEL        | 4.0                 | Y           |               |              |           | 4.0                 | mg/kg | 11.8   | mg/kg |
| RY502-C      | 10FC-RY502-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2060   | mg/kg |
| RY502-C      | 10FC-RY502-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | SILVER        | 1.0                 | N           | U             |              | U         | 1.0                 | mg/kg | 1.2    | mg/kg |
| RY502-C      | 10FC-RY502-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | SODIUM        | 500                 | Y           | J             | J            | J         | 500                 | mg/kg | 275    | mg/kg |
| RY502-C      | 10FC-RY502-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 3      | mg/kg |
| RY502-C      | 10FC-RY502-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | ANTIMONY      | 6.0                 | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 7.3    | mg/kg |
| RY502-C      | 10FC-RY502-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | ARSENIC       | 1.0                 | Y           | J             | J            |           | 1.0                 | mg/kg | 6.6    | mg/kg |
| RY502-C      | 10FC-RY502-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | BARIUM        | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 131    | mg/kg |
| RY502-C      | 10FC-RY502-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | BERYLLIUM     | 0.50                | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY502-C      | 10FC-RY502-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | CADMIUM       | 0.50                | Y           | J             |              | J         | 0.50                | mg/kg | 0.16   | mg/kg |
| RY502-C      | 10FC-RY502-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | CHROMIUM      | 1.0                 | Y           | J             | J            |           | 1.0                 | mg/kg | 9.9    | mg/kg |
| RY502-C      | 10FC-RY502-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | COBALT        | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 7.7    | mg/kg |
| RY502-C      | 10FC-RY502-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | COPPER        | 2.5                 | Y           | J+            | J+           |           | 2.5                 | mg/kg | 17.9   | mg/kg |
| RY502-C      | 10FC-RY502-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | VANADIUM      | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 15.7   | mg/kg |
| RY502-C      | 10FC-RY502-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 34.6   | mg/kg |
| RY502-C      | 10FC-RY502-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 2440   | mg/kg |
| RY502-C      | 10FC-RY502-C-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/19/2010    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.67   | mg/kg |
| RY502-C      | 10FC-RY502-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | ALUMINUM      | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 26000  | mg/kg |
| RY502-C      | 10FC-RY502-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | IRON          | 10.0                | Y           |               |              |           | 10.0                | mg/kg | 16500  | mg/kg |
| RY502-C      | 10FC-RY502-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | LEAD          | 1.0                 | Y           | J             | J            |           | 1.0                 | mg/kg | 8.3    | mg/kg |
| RY502-C      | 10FC-RY502-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3950   | mg/kg |
| RY502-C      | 10FC-RY502-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 548    | mg/kg |
| RY502-C      | 10FC-RY502-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | NICKEL        | 4.0                 | Y           |               |              |           | 4.0                 | mg/kg | 11.8   | mg/kg |
| RY502-C      | 10FC-RY502-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2130   | mg/kg |
| RY502-C      | 10FC-RY502-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | SILVER        | 1.0                 | N           | U             |              | U         | 1.0                 | mg/kg | 1.2    | mg/kg |
| RY502-C      | 10FC-RY502-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | SODIUM        | 500                 | Y           | J             | J            | J         | 500                 | mg/kg | 271    | mg/kg |
| RY502-C      | 10FC-RY502-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.9    | mg/kg |
| RY502-C      | 10FC-RY502-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | ANTIMONY      | 6.0                 | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 7.1    | mg/kg |
| RY502-C      | 10FC-RY502-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | ARSENIC       | 1.0                 | Y           | J             | J            |           | 1.0                 | mg/kg | 3.8    | mg/kg |
| RY502-C      | 10FC-RY502-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | BARIUM        | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 279    | mg/kg |
| RY502-C      | 10FC-RY502-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | BERYLLIUM     | 0.50                | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY502-C      | 10FC-RY502-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | CADMIUM       | 0.50                | Y           | J             |              | J         | 0.50                | mg/kg | 0.14   | mg/kg |
| RY502-C      | 10FC-RY502-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | CHROMIUM      | 1.0                 | Y           | J             | J            |           | 1.0                 | mg/kg | 7.8    | mg/kg |
| RY502-C      | 10FC-RY502-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | COBALT        | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 8.7    | mg/kg |
| RY502-C      | 10FC-RY502-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | COPPER        | 2.5                 | Y           | J+            | J+           |           | 2.5                 | mg/kg | 15.6   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY502-C      | 10FC-RY502-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | VANADIUM      | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 19.3   | mg/kg |
| RY502-C      | 10FC-RY502-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 47     | mg/kg |
| RY502-C      | 10FC-RY502-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 2430   | mg/kg |
| RY502-C      | 10FC-RY502-C-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/19/2010    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.97   | mg/kg |
| RY502-C      | 10FC-RY502-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | ALUMINUM      | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 25300  | mg/kg |
| RY502-C      | 10FC-RY502-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | IRON          | 10.0                | Y           |               |              |           | 10.0                | mg/kg | 15400  | mg/kg |
| RY502-C      | 10FC-RY502-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | LEAD          | 1.0                 | Y           | J             | J            |           | 1.0                 | mg/kg | 6.1    | mg/kg |
| RY502-C      | 10FC-RY502-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3450   | mg/kg |
| RY502-C      | 10FC-RY502-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 467    | mg/kg |
| RY502-C      | 10FC-RY502-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | NICKEL        | 4.0                 | Y           |               |              |           | 4.0                 | mg/kg | 9.3    | mg/kg |
| RY502-C      | 10FC-RY502-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1900   | mg/kg |
| RY502-C      | 10FC-RY502-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | SILVER        | 1.0                 | N           | U             |              | U         | 1.0                 | mg/kg | 1.2    | mg/kg |
| RY502-C      | 10FC-RY502-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | SODIUM        | 500                 | Y           | J             | J            | J         | 500                 | mg/kg | 264    | mg/kg |
| RY502-C      | 10FC-RY502-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.9    | mg/kg |
| RY502-C      | 10FC-RY502-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | ANTIMONY      | 6.0                 | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 7.1    | mg/kg |
| RY502-C      | 10FC-RY502-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | ARSENIC       | 1.0                 | Y           | J             | J            |           | 1.0                 | mg/kg | 2.7    | mg/kg |
| RY502-C      | 10FC-RY502-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | BARIUM        | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 275    | mg/kg |
| RY502-C      | 10FC-RY502-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | BERYLLIUM     | 0.50                | Y           | U             | 0.5U         | J         | 0.50                | mg/kg | 0.5    | mg/kg |
| RY502-C      | 10FC-RY502-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | CADMIUM       | 0.50                | Y           | J             |              | J         | 0.50                | mg/kg | 0.12   | mg/kg |
| RY502-C      | 10FC-RY502-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | CHROMIUM      | 1.0                 | Y           | J             | J            |           | 1.0                 | mg/kg | 7.7    | mg/kg |
| RY502-C      | 10FC-RY502-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | COBALT        | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 6.4    | mg/kg |
| RY502-C      | 10FC-RY502-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | COPPER        | 2.5                 | Y           | J+            | J+           |           | 2.5                 | mg/kg | 12.8   | mg/kg |
| RY502-C      | 10FC-RY502-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | VANADIUM      | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 18.3   | mg/kg |
| RY502-C      | 10FC-RY502-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 34.7   | mg/kg |
| RY502-C      | 10FC-RY502-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 2280   | mg/kg |
| RY502-C      | 10FC-RY502-C-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/19/2010    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 1.1    | mg/kg |
| RY507-D      | 10FC-RY507-D-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ALUMINUM      | 21.4                | Y           |               |              |           | 21.4                | mg/kg | 5170   | mg/kg |
| RY507-D      | 10FC-RY507-D-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | IRON          | 10.7                | Y           |               |              |           | 10.7                | mg/kg | 7850   | mg/kg |
| RY507-D      | 10FC-RY507-D-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | LEAD          | 1.1                 | Y           | J+            | J+           |           | 1.1                 | mg/kg | 12.5   | mg/kg |
| RY507-D      | 10FC-RY507-D-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 536                 | Y           |               |              |           | 536                 | mg/kg | 2210   | mg/kg |
| RY507-D      | 10FC-RY507-D-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | MANGANESE     | 1.6                 | Y           | J             | J            |           | 1.6                 | mg/kg | 255    | mg/kg |
| RY507-D      | 10FC-RY507-D-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | NICKEL        | 4.3                 | Y           |               |              |           | 4.3                 | mg/kg | 5.4    | mg/kg |
| RY507-D      | 10FC-RY507-D-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | POTASSIUM     | 536                 | Y           | J             | J            |           | 536                 | mg/kg | 932    | mg/kg |
| RY507-D      | 10FC-RY507-D-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SILVER        | 1.1                 | N           | U             |              | U         | 1.1                 | mg/kg | 1.1    | mg/kg |
| RY507-D      | 10FC-RY507-D-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SODIUM        | 536                 | Y           | J             |              | J         | 536                 | mg/kg | 201    | mg/kg |
| RY507-D      | 10FC-RY507-D-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | THALLIUM      | 2.7                 | N           | U             |              | U         | 2.7                 | mg/kg | 2.7    | mg/kg |
| RY507-D      | 10FC-RY507-D-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ANTIMONY      | 6.4                 | Y           | J             |              | J         | 6.4                 | mg/kg | 0.71   | mg/kg |
| RY507-D      | 10FC-RY507-D-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ARSENIC       | 1.1                 | Y           |               |              |           | 1.1                 | mg/kg | 3.6    | mg/kg |
| RY507-D      | 10FC-RY507-D-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | BARIUM        | 21.4                | Y           | J             | J            |           | 21.4                | mg/kg | 78.5   | mg/kg |
| RY507-D      | 10FC-RY507-D-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.54                | Y           | J             |              | J         | 0.54                | mg/kg | 0.29   | mg/kg |
| RY507-D      | 10FC-RY507-D-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.54                | Y           | J             |              | J         | 0.54                | mg/kg | 0.05   | mg/kg |
| RY507-D      | 10FC-RY507-D-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CHROMIUM      | 1.1                 | Y           | J             | J            |           | 1.1                 | mg/kg | 5.3    | mg/kg |
| RY507-D      | 10FC-RY507-D-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | COBALT        | 5.4                 | Y           | J             |              | J         | 5.4                 | mg/kg | 3.6    | mg/kg |
| RY507-D      | 10FC-RY507-D-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | COPPER        | 2.7                 | Y           | J             | J            |           | 2.7                 | mg/kg | 15.8   | mg/kg |
| RY507-D      | 10FC-RY507-D-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | VANADIUM      | 5.4                 | Y           |               |              |           | 5.4                 | mg/kg | 10.3   | mg/kg |
| RY507-D      | 10FC-RY507-D-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ZINC          | 6.4                 | Y           |               |              |           | 6.4                 | mg/kg | 28     | mg/kg |
| RY507-D      | 10FC-RY507-D-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CALCIUM       | 536                 | Y           |               |              |           | 536                 | mg/kg | 1680   | mg/kg |
| RY507-D      | 10FC-RY507-D-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SELENIUM      | 3.8                 | Y           | J             |              | J         | 3.8                 | mg/kg | 1.4    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY507-D      | 10FC-RY507-D-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ALUMINUM      | 11.8                | Y           |               |              |           | 11.8                | mg/kg | 5610   | mg/kg |
| RY507-D      | 10FC-RY507-D-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | IRON          | 5.9                 | Y           |               |              |           | 5.9                 | mg/kg | 7840   | mg/kg |
| RY507-D      | 10FC-RY507-D-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | LEAD          | 0.59                | Y           | J+            | J+           |           | 0.59                | mg/kg | 10.3   | mg/kg |
| RY507-D      | 10FC-RY507-D-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 294                 | Y           |               |              |           | 294                 | mg/kg | 2140   | mg/kg |
| RY507-D      | 10FC-RY507-D-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | MANGANESE     | 0.88                | Y           | J             | J            |           | 0.88                | mg/kg | 276    | mg/kg |
| RY507-D      | 10FC-RY507-D-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | NICKEL        | 2.4                 | Y           |               |              |           | 2.4                 | mg/kg | 5.6    | mg/kg |
| RY507-D      | 10FC-RY507-D-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | POTASSIUM     | 294                 | Y           | J             | J            |           | 294                 | mg/kg | 996    | mg/kg |
| RY507-D      | 10FC-RY507-D-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SILVER        | 0.59                | N           | U             |              | U         | 0.59                | mg/kg | 0.59   | mg/kg |
| RY507-D      | 10FC-RY507-D-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SODIUM        | 294                 | Y           | J             |              | J         | 294                 | mg/kg | 145    | mg/kg |
| RY507-D      | 10FC-RY507-D-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.5                 | N           | U             |              | U         | 1.5                 | mg/kg | 1.5    | mg/kg |
| RY507-D      | 10FC-RY507-D-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ANTIMONY      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.65   | mg/kg |
| RY507-D      | 10FC-RY507-D-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.59                | Y           |               |              |           | 0.59                | mg/kg | 3.2    | mg/kg |
| RY507-D      | 10FC-RY507-D-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | BARIUM        | 11.8                | Y           | J             | J            |           | 11.8                | mg/kg | 84.7   | mg/kg |
| RY507-D      | 10FC-RY507-D-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.29                | Y           |               |              |           | 0.29                | mg/kg | 0.3    | mg/kg |
| RY507-D      | 10FC-RY507-D-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.29                | Y           | J             |              | J         | 0.29                | mg/kg | 0.06   | mg/kg |
| RY507-D      | 10FC-RY507-D-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.59                | Y           | J             | J            |           | 0.59                | mg/kg | 5.6    | mg/kg |
| RY507-D      | 10FC-RY507-D-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | COBALT        | 2.9                 | Y           |               |              |           | 2.9                 | mg/kg | 3.9    | mg/kg |
| RY507-D      | 10FC-RY507-D-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | COPPER        | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 6.8    | mg/kg |
| RY507-D      | 10FC-RY507-D-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | VANADIUM      | 2.9                 | Y           |               |              |           | 2.9                 | mg/kg | 10.9   | mg/kg |
| RY507-D      | 10FC-RY507-D-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ZINC          | 3.5                 | Y           |               |              |           | 3.5                 | mg/kg | 27.4   | mg/kg |
| RY507-D      | 10FC-RY507-D-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CALCIUM       | 294                 | Y           |               |              |           | 294                 | mg/kg | 1900   | mg/kg |
| RY507-D      | 10FC-RY507-D-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.1                 | Y           | J             |              | J         | 2.1                 | mg/kg | 1.3    | mg/kg |
| RY507-E      | 10FC-RY507-E-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ALUMINUM      | 13.3                | Y           |               |              |           | 13.3                | mg/kg | 5230   | mg/kg |
| RY507-E      | 10FC-RY507-E-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | IRON          | 6.6                 | Y           |               |              |           | 6.6                 | mg/kg | 7520   | mg/kg |
| RY507-E      | 10FC-RY507-E-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | LEAD          | 0.66                | Y           | J+            | J+           |           | 0.66                | mg/kg | 21.4   | mg/kg |
| RY507-E      | 10FC-RY507-E-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 332                 | Y           |               |              |           | 332                 | mg/kg | 2040   | mg/kg |
| RY507-E      | 10FC-RY507-E-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | MANGANESE     | 1.0                 | Y           | J             | J            |           | 1.0                 | mg/kg | 281    | mg/kg |
| RY507-E      | 10FC-RY507-E-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | NICKEL        | 2.7                 | Y           |               |              |           | 2.7                 | mg/kg | 4.9    | mg/kg |
| RY507-E      | 10FC-RY507-E-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | POTASSIUM     | 332                 | Y           | J             | J            |           | 332                 | mg/kg | 706    | mg/kg |
| RY507-E      | 10FC-RY507-E-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SILVER        | 0.66                | N           | U             |              | U         | 0.66                | mg/kg | 0.66   | mg/kg |
| RY507-E      | 10FC-RY507-E-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SODIUM        | 332                 | Y           | J             |              | J         | 332                 | mg/kg | 136    | mg/kg |
| RY507-E      | 10FC-RY507-E-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.7                 | N           | U             |              | U         | 1.7                 | mg/kg | 1.7    | mg/kg |
| RY507-E      | 10FC-RY507-E-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ANTIMONY      | 4.0                 | Y           | J             |              | J         | 4.0                 | mg/kg | 0.87   | mg/kg |
| RY507-E      | 10FC-RY507-E-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.66                | Y           |               |              |           | 0.66                | mg/kg | 5.9    | mg/kg |
| RY507-E      | 10FC-RY507-E-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | BARIUM        | 13.3                | Y           | J             | J            |           | 13.3                | mg/kg | 94.6   | mg/kg |
| RY507-E      | 10FC-RY507-E-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.33                | Y           | J             |              | J         | 0.33                | mg/kg | 0.28   | mg/kg |
| RY507-E      | 10FC-RY507-E-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.33                | Y           | J             |              | J         | 0.33                | mg/kg | 0.17   | mg/kg |
| RY507-E      | 10FC-RY507-E-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.66                | Y           | J             | J            |           | 0.66                | mg/kg | 5.3    | mg/kg |
| RY507-E      | 10FC-RY507-E-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | COBALT        | 3.3                 | Y           |               |              |           | 3.3                 | mg/kg | 3.6    | mg/kg |
| RY507-E      | 10FC-RY507-E-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | COPPER        | 1.7                 | Y           | J             | J            |           | 1.7                 | mg/kg | 6.7    | mg/kg |
| RY507-E      | 10FC-RY507-E-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | VANADIUM      | 3.3                 | Y           |               |              |           | 3.3                 | mg/kg | 10.3   | mg/kg |
| RY507-E      | 10FC-RY507-E-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ZINC          | 4.0                 | Y           |               |              |           | 4.0                 | mg/kg | 55.1   | mg/kg |
| RY507-E      | 10FC-RY507-E-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CALCIUM       | 332                 | Y           |               |              |           | 332                 | mg/kg | 1800   | mg/kg |
| RY507-E      | 10FC-RY507-E-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.3                 | Y           | J             |              | J         | 2.3                 | mg/kg | 1.3    | mg/kg |
| RY507-E      | 10FC-RY507-E-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ALUMINUM      | 13.6                | Y           |               |              |           | 13.6                | mg/kg | 5710   | mg/kg |
| RY507-E      | 10FC-RY507-E-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | IRON          | 6.8                 | Y           |               |              |           | 6.8                 | mg/kg | 7950   | mg/kg |
| RY507-E      | 10FC-RY507-E-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | LEAD          | 0.68                | Y           | J+            | J+           |           | 0.68                | mg/kg | 15.6   | mg/kg |
| RY507-E      | 10FC-RY507-E-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 340                 | Y           |               |              |           | 340                 | mg/kg | 2230   | mg/kg |

## Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report       | detect flag | interp. quals | valid. quals | lab quals | report       | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|--------------|-------------|---------------|--------------|-----------|--------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | result limit |             |               |              |           | detect limit |       |        |       |
| RY507-E      | 10FC-RY507-E-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | MANGANESE     | 1.0          | Y           | J             | J            |           | 1.0          | mg/kg | 302    | mg/kg |
| RY507-E      | 10FC-RY507-E-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | NICKEL        | 2.7          | Y           |               |              |           | 2.7          | mg/kg | 5.4    | mg/kg |
| RY507-E      | 10FC-RY507-E-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | POTASSIUM     | 340          | Y           | J             | J            |           | 340          | mg/kg | 787    | mg/kg |
| RY507-E      | 10FC-RY507-E-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SILVER        | 0.68         | N           | U             |              | U         | 0.68         | mg/kg | 0.68   | mg/kg |
| RY507-E      | 10FC-RY507-E-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SODIUM        | 340          | Y           | J             |              | J         | 340          | mg/kg | 197    | mg/kg |
| RY507-E      | 10FC-RY507-E-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.7          | N           | U             |              | U         | 1.7          | mg/kg | 1.7    | mg/kg |
| RY507-E      | 10FC-RY507-E-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ANTIMONY      | 4.1          | Y           | J             |              | J         | 4.1          | mg/kg | 0.88   | mg/kg |
| RY507-E      | 10FC-RY507-E-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.68         | Y           |               |              |           | 0.68         | mg/kg | 5.2    | mg/kg |
| RY507-E      | 10FC-RY507-E-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | BARIUM        | 13.6         | Y           | J             | J            |           | 13.6         | mg/kg | 98.5   | mg/kg |
| RY507-E      | 10FC-RY507-E-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.34         | Y           | J             |              | J         | 0.34         | mg/kg | 0.3    | mg/kg |
| RY507-E      | 10FC-RY507-E-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.34         | Y           | J             |              | J         | 0.34         | mg/kg | 0.14   | mg/kg |
| RY507-E      | 10FC-RY507-E-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.68         | Y           | J             | J            |           | 0.68         | mg/kg | 5.4    | mg/kg |
| RY507-E      | 10FC-RY507-E-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | COBALT        | 3.4          | Y           |               |              |           | 3.4          | mg/kg | 3.9    | mg/kg |
| RY507-E      | 10FC-RY507-E-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | COPPER        | 1.7          | Y           | J             | J            |           | 1.7          | mg/kg | 6.2    | mg/kg |
| RY507-E      | 10FC-RY507-E-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | VANADIUM      | 3.4          | Y           |               |              |           | 3.4          | mg/kg | 11     | mg/kg |
| RY507-E      | 10FC-RY507-E-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ZINC          | 4.1          | Y           |               |              |           | 4.1          | mg/kg | 49.2   | mg/kg |
| RY507-E      | 10FC-RY507-E-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CALCIUM       | 340          | Y           |               |              |           | 340          | mg/kg | 1700   | mg/kg |
| RY507-E      | 10FC-RY507-E-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.4          | Y           | J             |              | J         | 2.4          | mg/kg | 1.1    | mg/kg |
| RY507-E      | 10FC-RY507-E-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ALUMINUM      | 13.6         | Y           |               |              |           | 13.6         | mg/kg | 5310   | mg/kg |
| RY507-E      | 10FC-RY507-E-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | IRON          | 6.8          | Y           |               |              |           | 6.8          | mg/kg | 7700   | mg/kg |
| RY507-E      | 10FC-RY507-E-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | LEAD          | 0.68         | Y           | J+            | J+           |           | 0.68         | mg/kg | 13.5   | mg/kg |
| RY507-E      | 10FC-RY507-E-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 341          | Y           |               |              |           | 341          | mg/kg | 2010   | mg/kg |
| RY507-E      | 10FC-RY507-E-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | MANGANESE     | 1.0          | Y           | J             | J            |           | 1.0          | mg/kg | 270    | mg/kg |
| RY507-E      | 10FC-RY507-E-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | NICKEL        | 2.7          | Y           |               |              |           | 2.7          | mg/kg | 4.7    | mg/kg |
| RY507-E      | 10FC-RY507-E-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | POTASSIUM     | 341          | Y           | J             | J            |           | 341          | mg/kg | 752    | mg/kg |
| RY507-E      | 10FC-RY507-E-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SILVER        | 0.68         | N           | U             |              | U         | 0.68         | mg/kg | 0.68   | mg/kg |
| RY507-E      | 10FC-RY507-E-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SODIUM        | 341          | Y           | J             |              | J         | 341          | mg/kg | 162    | mg/kg |
| RY507-E      | 10FC-RY507-E-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.7          | N           | U             |              | U         | 1.7          | mg/kg | 1.7    | mg/kg |
| RY507-E      | 10FC-RY507-E-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ANTIMONY      | 4.1          | Y           | J             |              | J         | 4.1          | mg/kg | 0.66   | mg/kg |
| RY507-E      | 10FC-RY507-E-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.68         | Y           |               |              |           | 0.68         | mg/kg | 4.8    | mg/kg |
| RY507-E      | 10FC-RY507-E-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | BARIUM        | 13.6         | Y           | J             | J            |           | 13.6         | mg/kg | 90.2   | mg/kg |
| RY507-E      | 10FC-RY507-E-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.34         | Y           | J             |              | J         | 0.34         | mg/kg | 0.29   | mg/kg |
| RY507-E      | 10FC-RY507-E-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.34         | Y           | J             |              | J         | 0.34         | mg/kg | 0.11   | mg/kg |
| RY507-E      | 10FC-RY507-E-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.68         | Y           | J             | J            |           | 0.68         | mg/kg | 5      | mg/kg |
| RY507-E      | 10FC-RY507-E-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | COBALT        | 3.4          | Y           | J             |              | J         | 3.4          | mg/kg | 3.4    | mg/kg |
| RY507-E      | 10FC-RY507-E-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | COPPER        | 1.7          | Y           | J             | J            |           | 1.7          | mg/kg | 6      | mg/kg |
| RY507-E      | 10FC-RY507-E-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | VANADIUM      | 3.4          | Y           |               |              |           | 3.4          | mg/kg | 10.6   | mg/kg |
| RY507-E      | 10FC-RY507-E-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ZINC          | 4.1          | Y           |               |              |           | 4.1          | mg/kg | 42.4   | mg/kg |
| RY507-E      | 10FC-RY507-E-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CALCIUM       | 341          | Y           |               |              |           | 341          | mg/kg | 1500   | mg/kg |
| RY507-E      | 10FC-RY507-E-006012 | 7/1/2010    | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.4          | Y           | J             |              | J         | 2.4          | mg/kg | 1.2    | mg/kg |
| RY511-A      | 10FC-RY511-A-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ALUMINUM      | 12.6         | Y           |               |              |           | 12.6         | mg/kg | 5490   | mg/kg |
| RY511-A      | 10FC-RY511-A-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | IRON          | 6.3          | Y           |               |              |           | 6.3          | mg/kg | 9260   | mg/kg |
| RY511-A      | 10FC-RY511-A-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | LEAD          | 0.63         | Y           | J+            | J+           |           | 0.63         | mg/kg | 55.8   | mg/kg |
| RY511-A      | 10FC-RY511-A-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 316          | Y           |               |              |           | 316          | mg/kg | 2520   | mg/kg |
| RY511-A      | 10FC-RY511-A-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | MANGANESE     | 0.95         | Y           | J             | J            |           | 0.95         | mg/kg | 298    | mg/kg |
| RY511-A      | 10FC-RY511-A-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | NICKEL        | 2.5          | Y           |               |              |           | 2.5          | mg/kg | 5.8    | mg/kg |
| RY511-A      | 10FC-RY511-A-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | POTASSIUM     | 316          | Y           | J             | J            |           | 316          | mg/kg | 959    | mg/kg |
| RY511-A      | 10FC-RY511-A-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SILVER        | 0.63         | N           | U             |              | U         | 0.63         | mg/kg | 0.63   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY511-A      | 10FC-RY511-A-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SODIUM        | 316           | Y           | J             |              | J         | 316                 | mg/kg | 151    | mg/kg |
| RY511-A      | 10FC-RY511-A-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.6           | N           | U             |              | U         | 1.6                 | mg/kg | 1.6    | mg/kg |
| RY511-A      | 10FC-RY511-A-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ANTIMONY      | 3.8           | Y           | J             |              | J         | 3.8                 | mg/kg | 1.4    | mg/kg |
| RY511-A      | 10FC-RY511-A-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.63          | Y           |               |              |           | 0.63                | mg/kg | 3.4    | mg/kg |
| RY511-A      | 10FC-RY511-A-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | BARIUM        | 12.6          | Y           | J             | J            |           | 12.6                | mg/kg | 141    | mg/kg |
| RY511-A      | 10FC-RY511-A-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.32          | Y           |               |              |           | 0.32                | mg/kg | 0.33   | mg/kg |
| RY511-A      | 10FC-RY511-A-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.32          | Y           |               |              |           | 0.32                | mg/kg | 0.35   | mg/kg |
| RY511-A      | 10FC-RY511-A-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.63          | Y           | J             | J            |           | 0.63                | mg/kg | 8.3    | mg/kg |
| RY511-A      | 10FC-RY511-A-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | COBALT        | 3.2           | Y           |               |              |           | 3.2                 | mg/kg | 4.4    | mg/kg |
| RY511-A      | 10FC-RY511-A-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | COPPER        | 1.6           | Y           | J             | J            |           | 1.6                 | mg/kg | 9.1    | mg/kg |
| RY511-A      | 10FC-RY511-A-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | VANADIUM      | 3.2           | Y           |               |              |           | 3.2                 | mg/kg | 14.2   | mg/kg |
| RY511-A      | 10FC-RY511-A-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | ZINC          | 3.8           | Y           |               |              |           | 3.8                 | mg/kg | 84.8   | mg/kg |
| RY511-A      | 10FC-RY511-A-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | CALCIUM       | 316           | Y           |               |              |           | 316                 | mg/kg | 2300   | mg/kg |
| RY511-A      | 10FC-RY511-A-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.2           | Y           | J             |              | J         | 2.2                 | mg/kg | 1.4    | mg/kg |
| RY511-A      | 10FC-RY511-A-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ALUMINUM      | 14.7          | Y           |               |              |           | 14.7                | mg/kg | 5510   | mg/kg |
| RY511-A      | 10FC-RY511-A-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | IRON          | 7.4           | Y           |               |              |           | 7.4                 | mg/kg | 9130   | mg/kg |
| RY511-A      | 10FC-RY511-A-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | LEAD          | 0.74          | Y           | J+            | J+           |           | 0.74                | mg/kg | 50.4   | mg/kg |
| RY511-A      | 10FC-RY511-A-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 369           | Y           |               |              |           | 369                 | mg/kg | 2480   | mg/kg |
| RY511-A      | 10FC-RY511-A-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | MANGANESE     | 1.1           | Y           | J             | J            |           | 1.1                 | mg/kg | 276    | mg/kg |
| RY511-A      | 10FC-RY511-A-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | NICKEL        | 2.9           | Y           |               |              |           | 2.9                 | mg/kg | 6      | mg/kg |
| RY511-A      | 10FC-RY511-A-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | POTASSIUM     | 369           | Y           | J             | J            |           | 369                 | mg/kg | 1010   | mg/kg |
| RY511-A      | 10FC-RY511-A-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SILVER        | 0.74          | N           | U             |              | U         | 0.74                | mg/kg | 0.74   | mg/kg |
| RY511-A      | 10FC-RY511-A-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SODIUM        | 369           | Y           | J             |              | J         | 369                 | mg/kg | 198    | mg/kg |
| RY511-A      | 10FC-RY511-A-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.8           | N           | U             |              | U         | 1.8                 | mg/kg | 1.8    | mg/kg |
| RY511-A      | 10FC-RY511-A-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ANTIMONY      | 4.4           | Y           | J             |              | J         | 4.4                 | mg/kg | 1.3    | mg/kg |
| RY511-A      | 10FC-RY511-A-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.74          | Y           |               |              |           | 0.74                | mg/kg | 3      | mg/kg |
| RY511-A      | 10FC-RY511-A-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | BARIUM        | 14.7          | Y           | J             | J            |           | 14.7                | mg/kg | 134    | mg/kg |
| RY511-A      | 10FC-RY511-A-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.37          | Y           | J             |              | J         | 0.37                | mg/kg | 0.35   | mg/kg |
| RY511-A      | 10FC-RY511-A-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.37          | Y           | J             |              | J         | 0.37                | mg/kg | 0.32   | mg/kg |
| RY511-A      | 10FC-RY511-A-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.74          | Y           | J             | J            |           | 0.74                | mg/kg | 8.7    | mg/kg |
| RY511-A      | 10FC-RY511-A-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | COBALT        | 3.7           | Y           |               |              |           | 3.7                 | mg/kg | 4.5    | mg/kg |
| RY511-A      | 10FC-RY511-A-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | COPPER        | 1.8           | Y           | J             | J            |           | 1.8                 | mg/kg | 8.5    | mg/kg |
| RY511-A      | 10FC-RY511-A-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | VANADIUM      | 3.7           | Y           |               |              |           | 3.7                 | mg/kg | 14.3   | mg/kg |
| RY511-A      | 10FC-RY511-A-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ZINC          | 4.4           | Y           |               |              |           | 4.4                 | mg/kg | 74.8   | mg/kg |
| RY511-A      | 10FC-RY511-A-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | CALCIUM       | 369           | Y           |               |              |           | 369                 | mg/kg | 2030   | mg/kg |
| RY511-A      | 10FC-RY511-A-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.6           | Y           | J             |              | J         | 2.6                 | mg/kg | 1.4    | mg/kg |
| RY511-A      | 10FC-RY511-A-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ALUMINUM      | 12.8          | Y           |               |              |           | 12.8                | mg/kg | 5220   | mg/kg |
| RY511-A      | 10FC-RY511-A-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | IRON          | 6.4           | Y           |               |              |           | 6.4                 | mg/kg | 8410   | mg/kg |
| RY511-A      | 10FC-RY511-A-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | LEAD          | 0.64          | Y           | J+            | J+           |           | 0.64                | mg/kg | 32.3   | mg/kg |
| RY511-A      | 10FC-RY511-A-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 319           | Y           |               |              |           | 319                 | mg/kg | 2300   | mg/kg |
| RY511-A      | 10FC-RY511-A-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | MANGANESE     | 0.96          | Y           | J             | J            |           | 0.96                | mg/kg | 259    | mg/kg |
| RY511-A      | 10FC-RY511-A-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | NICKEL        | 2.6           | Y           |               |              |           | 2.6                 | mg/kg | 5.5    | mg/kg |
| RY511-A      | 10FC-RY511-A-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | POTASSIUM     | 319           | Y           | J             | J            |           | 319                 | mg/kg | 971    | mg/kg |
| RY511-A      | 10FC-RY511-A-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SILVER        | 0.64          | N           | U             |              | U         | 0.64                | mg/kg | 0.64   | mg/kg |
| RY511-A      | 10FC-RY511-A-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SODIUM        | 319           | Y           | J             |              | J         | 319                 | mg/kg | 167    | mg/kg |
| RY511-A      | 10FC-RY511-A-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.6           | N           | U             |              | U         | 1.6                 | mg/kg | 1.6    | mg/kg |
| RY511-A      | 10FC-RY511-A-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ANTIMONY      | 3.8           | Y           | J             |              | J         | 3.8                 | mg/kg | 1.4    | mg/kg |
| RY511-A      | 10FC-RY511-A-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.64          | Y           |               |              |           | 0.64                | mg/kg | 2.8    | mg/kg |



Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code       | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|-----------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                       |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY511-A      | 10FC-RY511-A-006012   | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | BARIUM        | 12.8          | Y           | J             | J            |           | 12.8          | mg/kg | 121    | mg/kg |
| RY511-A      | 10FC-RY511-A-006012   | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.32          | Y           | J             |              | J         | 0.32          | mg/kg | 0.31   | mg/kg |
| RY511-A      | 10FC-RY511-A-006012   | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.32          | Y           | J             |              | J         | 0.32          | mg/kg | 0.24   | mg/kg |
| RY511-A      | 10FC-RY511-A-006012   | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.64          | Y           | J             | J            |           | 0.64          | mg/kg | 6.8    | mg/kg |
| RY511-A      | 10FC-RY511-A-006012   | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | COBALT        | 3.2           | Y           |               |              |           | 3.2           | mg/kg | 4.2    | mg/kg |
| RY511-A      | 10FC-RY511-A-006012   | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | COPPER        | 1.6           | Y           | J             | J            |           | 1.6           | mg/kg | 7.6    | mg/kg |
| RY511-A      | 10FC-RY511-A-006012   | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | VANADIUM      | 3.2           | Y           |               |              |           | 3.2           | mg/kg | 12.3   | mg/kg |
| RY511-A      | 10FC-RY511-A-006012   | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | ZINC          | 3.8           | Y           |               |              |           | 3.8           | mg/kg | 59.1   | mg/kg |
| RY511-A      | 10FC-RY511-A-006012   | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | CALCIUM       | 319           | Y           |               |              |           | 319           | mg/kg | 1830   | mg/kg |
| RY511-A      | 10FC-RY511-A-006012   | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.2           | Y           | J             |              | J         | 2.2           | mg/kg | 1.4    | mg/kg |
| RY511-A      | 10FC-RY511-A-006012-D | 6/28/2010   | FD          | 6           | 12        | in         | C200.7          | 10/15/2010    | ALUMINUM      | 12.8          | Y           |               |              |           | 12.8          | mg/kg | 5590   | mg/kg |
| RY511-A      | 10FC-RY511-A-006012-D | 6/28/2010   | FD          | 6           | 12        | in         | C200.7          | 10/15/2010    | IRON          | 6.4           | Y           |               |              |           | 6.4           | mg/kg | 8970   | mg/kg |
| RY511-A      | 10FC-RY511-A-006012-D | 6/28/2010   | FD          | 6           | 12        | in         | C200.7          | 10/15/2010    | LEAD          | 0.64          | Y           | J+            | J+           |           | 0.64          | mg/kg | 23.3   | mg/kg |
| RY511-A      | 10FC-RY511-A-006012-D | 6/28/2010   | FD          | 6           | 12        | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 320           | Y           |               |              |           | 320           | mg/kg | 2420   | mg/kg |
| RY511-A      | 10FC-RY511-A-006012-D | 6/28/2010   | FD          | 6           | 12        | in         | C200.7          | 10/15/2010    | MANGANESE     | 0.96          | Y           | J             | J            |           | 0.96          | mg/kg | 31.2   | mg/kg |
| RY511-A      | 10FC-RY511-A-006012-D | 6/28/2010   | FD          | 6           | 12        | in         | C200.7          | 10/15/2010    | NICKEL        | 2.6           | Y           |               |              |           | 2.6           | mg/kg | 5.8    | mg/kg |
| RY511-A      | 10FC-RY511-A-006012-D | 6/28/2010   | FD          | 6           | 12        | in         | C200.7          | 10/15/2010    | POTASSIUM     | 320           | Y           | J             | J            |           | 320           | mg/kg | 1060   | mg/kg |
| RY511-A      | 10FC-RY511-A-006012-D | 6/28/2010   | FD          | 6           | 12        | in         | C200.7          | 10/15/2010    | SILVER        | 0.64          | N           | U             |              | U         | 0.64          | mg/kg | 0.64   | mg/kg |
| RY511-A      | 10FC-RY511-A-006012-D | 6/28/2010   | FD          | 6           | 12        | in         | C200.7          | 10/15/2010    | SODIUM        | 320           | Y           | J             |              | J         | 320           | mg/kg | 163    | mg/kg |
| RY511-A      | 10FC-RY511-A-006012-D | 6/28/2010   | FD          | 6           | 12        | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.6           | N           | U             |              | U         | 1.6           | mg/kg | 1.6    | mg/kg |
| RY511-A      | 10FC-RY511-A-006012-D | 6/28/2010   | FD          | 6           | 12        | in         | C200.7          | 10/15/2010    | ANTIMONY      | 3.8           | Y           | J             |              | J         | 3.8           | mg/kg | 1.3    | mg/kg |
| RY511-A      | 10FC-RY511-A-006012-D | 6/28/2010   | FD          | 6           | 12        | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.64          | Y           |               |              |           | 0.64          | mg/kg | 2.8    | mg/kg |
| RY511-A      | 10FC-RY511-A-006012-D | 6/28/2010   | FD          | 6           | 12        | in         | C200.7          | 10/15/2010    | BARIUM        | 12.8          | Y           | J             | J            |           | 12.8          | mg/kg | 126    | mg/kg |
| RY511-A      | 10FC-RY511-A-006012-D | 6/28/2010   | FD          | 6           | 12        | in         | C200.7          | 10/15/2010    | BERYLLIUM     | 0.32          | Y           |               |              |           | 0.32          | mg/kg | 0.33   | mg/kg |
| RY511-A      | 10FC-RY511-A-006012-D | 6/28/2010   | FD          | 6           | 12        | in         | C200.7          | 10/15/2010    | CADMIUM       | 0.32          | Y           | J             |              | J         | 0.32          | mg/kg | 0.23   | mg/kg |
| RY511-A      | 10FC-RY511-A-006012-D | 6/28/2010   | FD          | 6           | 12        | in         | C200.7          | 10/15/2010    | CHROMIUM      | 0.64          | Y           | J             | J            |           | 0.64          | mg/kg | 7      | mg/kg |
| RY511-A      | 10FC-RY511-A-006012-D | 6/28/2010   | FD          | 6           | 12        | in         | C200.7          | 10/15/2010    | COBALT        | 3.2           | Y           |               |              |           | 3.2           | mg/kg | 4.7    | mg/kg |
| RY511-A      | 10FC-RY511-A-006012-D | 6/28/2010   | FD          | 6           | 12        | in         | C200.7          | 10/15/2010    | COPPER        | 1.6           | Y           | J             | J            |           | 1.6           | mg/kg | 7.9    | mg/kg |
| RY511-A      | 10FC-RY511-A-006012-D | 6/28/2010   | FD          | 6           | 12        | in         | C200.7          | 10/15/2010    | VANADIUM      | 3.2           | Y           |               |              |           | 3.2           | mg/kg | 13.6   | mg/kg |
| RY511-A      | 10FC-RY511-A-006012-D | 6/28/2010   | FD          | 6           | 12        | in         | C200.7          | 10/15/2010    | ZINC          | 3.8           | Y           |               |              |           | 3.8           | mg/kg | 55.6   | mg/kg |
| RY511-A      | 10FC-RY511-A-006012-D | 6/28/2010   | FD          | 6           | 12        | in         | C200.7          | 10/15/2010    | CALCIUM       | 320           | Y           |               |              |           | 320           | mg/kg | 1770   | mg/kg |
| RY511-A      | 10FC-RY511-A-006012-D | 6/28/2010   | FD          | 6           | 12        | in         | C200.7          | 10/15/2010    | SELENIUM      | 2.2           | Y           | J             |              | J         | 2.2           | mg/kg | 1.4    | mg/kg |
| RY511-B      | 10FC-RY511-B-000002   | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ALUMINUM      | 12.4          | Y           |               |              |           | 12.4          | mg/kg | 5630   | mg/kg |
| RY511-B      | 10FC-RY511-B-000002   | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | IRON          | 6.2           | Y           |               |              |           | 6.2           | mg/kg | 8660   | mg/kg |
| RY511-B      | 10FC-RY511-B-000002   | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | LEAD          | 0.62          | Y           | J+            | J+           |           | 0.62          | mg/kg | 46.9   | mg/kg |
| RY511-B      | 10FC-RY511-B-000002   | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | MAGNESIUM     | 311           | Y           |               |              |           | 311           | mg/kg | 2230   | mg/kg |
| RY511-B      | 10FC-RY511-B-000002   | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | MANGANESE     | 0.93          | Y           | J             | J            |           | 0.93          | mg/kg | 320    | mg/kg |
| RY511-B      | 10FC-RY511-B-000002   | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | NICKEL        | 2.5           | Y           |               |              |           | 2.5           | mg/kg | 5.5    | mg/kg |
| RY511-B      | 10FC-RY511-B-000002   | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | POTASSIUM     | 311           | Y           | J             | J            |           | 311           | mg/kg | 1110   | mg/kg |
| RY511-B      | 10FC-RY511-B-000002   | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | SILVER        | 0.62          | N           | U             |              | U         | 0.62          | mg/kg | 0.62   | mg/kg |
| RY511-B      | 10FC-RY511-B-000002   | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | SODIUM        | 311           | Y           | J             |              | J         | 311           | mg/kg | 144    | mg/kg |
| RY511-B      | 10FC-RY511-B-000002   | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | THALLIUM      | 1.6           | N           | U             |              | U         | 1.6           | mg/kg | 1.6    | mg/kg |
| RY511-B      | 10FC-RY511-B-000002   | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ANTIMONY      | 3.7           | Y           | J             |              | J         | 3.7           | mg/kg | 1.1    | mg/kg |
| RY511-B      | 10FC-RY511-B-000002   | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ARSENIC       | 0.62          | Y           |               |              |           | 0.62          | mg/kg | 3.7    | mg/kg |
| RY511-B      | 10FC-RY511-B-000002   | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | BARIUM        | 12.4          | Y           | J             | J            |           | 12.4          | mg/kg | 125    | mg/kg |
| RY511-B      | 10FC-RY511-B-000002   | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | BERYLLIUM     | 0.31          | Y           |               |              |           | 0.31          | mg/kg | 0.32   | mg/kg |
| RY511-B      | 10FC-RY511-B-000002   | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | CADMIUM       | 0.31          | Y           |               |              |           | 0.31          | mg/kg | 0.35   | mg/kg |
| RY511-B      | 10FC-RY511-B-000002   | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | CHROMIUM      | 0.62          | Y           | J             | J            |           | 0.62          | mg/kg | 6.9    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY511-B      | 10FC-RY511-B-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | COBALT        | 3.1           | Y           |               |              |           | 3.1           | mg/kg | 4      | mg/kg |
| RY511-B      | 10FC-RY511-B-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | COPPER        | 1.6           | Y           | J             | J            |           | 1.6           | mg/kg | 9.5    | mg/kg |
| RY511-B      | 10FC-RY511-B-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | VANADIUM      | 3.1           | Y           |               |              |           | 3.1           | mg/kg | 12.3   | mg/kg |
| RY511-B      | 10FC-RY511-B-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ZINC          | 3.7           | Y           |               |              |           | 3.7           | mg/kg | 82.5   | mg/kg |
| RY511-B      | 10FC-RY511-B-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | CALCIUM       | 311           | Y           |               |              |           | 311           | mg/kg | 2200   | mg/kg |
| RY511-B      | 10FC-RY511-B-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | SELENIUM      | 2.2           | N           | U             |              | U         | 2.2           | mg/kg | 2.2    | mg/kg |
| RY511-B      | 10FC-RY511-B-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ALUMINUM      | 12.3          | Y           |               |              |           | 12.3          | mg/kg | 4820   | mg/kg |
| RY511-B      | 10FC-RY511-B-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | IRON          | 6.1           | Y           |               |              |           | 6.1           | mg/kg | 7710   | mg/kg |
| RY511-B      | 10FC-RY511-B-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | LEAD          | 0.61          | Y           | J+            | J+           |           | 0.61          | mg/kg | 78.8   | mg/kg |
| RY511-B      | 10FC-RY511-B-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | MAGNESIUM     | 306           | Y           |               |              |           | 306           | mg/kg | 1950   | mg/kg |
| RY511-B      | 10FC-RY511-B-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | MANGANESE     | 0.92          | Y           | J             | J            |           | 0.92          | mg/kg | 287    | mg/kg |
| RY511-B      | 10FC-RY511-B-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | NICKEL        | 2.5           | Y           |               |              |           | 2.5           | mg/kg | 5.4    | mg/kg |
| RY511-B      | 10FC-RY511-B-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | POTASSIUM     | 306           | Y           | J             | J            |           | 306           | mg/kg | 963    | mg/kg |
| RY511-B      | 10FC-RY511-B-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | SILVER        | 0.61          | N           | U             |              | U         | 0.61          | mg/kg | 0.61   | mg/kg |
| RY511-B      | 10FC-RY511-B-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | SODIUM        | 306           | Y           | J             |              | J         | 306           | mg/kg | 219    | mg/kg |
| RY511-B      | 10FC-RY511-B-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | THALLIUM      | 1.5           | N           | U             |              | U         | 1.5           | mg/kg | 1.5    | mg/kg |
| RY511-B      | 10FC-RY511-B-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ANTIMONY      | 3.7           | Y           | J             |              | J         | 3.7           | mg/kg | 1.1    | mg/kg |
| RY511-B      | 10FC-RY511-B-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ARSENIC       | 0.61          | Y           |               |              |           | 0.61          | mg/kg | 3.2    | mg/kg |
| RY511-B      | 10FC-RY511-B-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | BARIUM        | 12.3          | Y           | J             | J            |           | 12.3          | mg/kg | 120    | mg/kg |
| RY511-B      | 10FC-RY511-B-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | BERYLLIUM     | 0.31          | Y           | J             |              | J         | 0.31          | mg/kg | 0.29   | mg/kg |
| RY511-B      | 10FC-RY511-B-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | CADMIUM       | 0.31          | Y           |               |              |           | 0.31          | mg/kg | 0.39   | mg/kg |
| RY511-B      | 10FC-RY511-B-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | CHROMIUM      | 0.61          | Y           | J             | J            |           | 0.61          | mg/kg | 6.2    | mg/kg |
| RY511-B      | 10FC-RY511-B-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | COBALT        | 3.1           | Y           |               |              |           | 3.1           | mg/kg | 3.7    | mg/kg |
| RY511-B      | 10FC-RY511-B-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | COPPER        | 1.5           | Y           | J             | J            |           | 1.5           | mg/kg | 8.1    | mg/kg |
| RY511-B      | 10FC-RY511-B-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | VANADIUM      | 3.1           | Y           |               |              |           | 3.1           | mg/kg | 10.8   | mg/kg |
| RY511-B      | 10FC-RY511-B-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ZINC          | 3.7           | Y           |               |              |           | 3.7           | mg/kg | 80.8   | mg/kg |
| RY511-B      | 10FC-RY511-B-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | CALCIUM       | 306           | Y           |               |              |           | 306           | mg/kg | 1880   | mg/kg |
| RY511-B      | 10FC-RY511-B-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | SELENIUM      | 2.1           | Y           | J             |              | J         | 2.1           | mg/kg | 0.32   | mg/kg |
| RY511-B      | 10FC-RY511-B-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | ALUMINUM      | 13.3          | Y           |               |              |           | 13.3          | mg/kg | 5170   | mg/kg |
| RY511-B      | 10FC-RY511-B-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | IRON          | 6.6           | Y           |               |              |           | 6.6           | mg/kg | 8400   | mg/kg |
| RY511-B      | 10FC-RY511-B-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | LEAD          | 0.66          | Y           | J+            | J+           |           | 0.66          | mg/kg | 74.3   | mg/kg |
| RY511-B      | 10FC-RY511-B-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | MAGNESIUM     | 332           | Y           |               |              |           | 332           | mg/kg | 2120   | mg/kg |
| RY511-B      | 10FC-RY511-B-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | MANGANESE     | 1.0           | Y           | J             | J            |           | 1.0           | mg/kg | 310    | mg/kg |
| RY511-B      | 10FC-RY511-B-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | NICKEL        | 2.7           | Y           |               |              |           | 2.7           | mg/kg | 5.3    | mg/kg |
| RY511-B      | 10FC-RY511-B-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | POTASSIUM     | 332           | Y           | J             | J            |           | 332           | mg/kg | 1020   | mg/kg |
| RY511-B      | 10FC-RY511-B-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | SILVER        | 0.66          | N           | U             |              | U         | 0.66          | mg/kg | 0.66   | mg/kg |
| RY511-B      | 10FC-RY511-B-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | SODIUM        | 332           | Y           | J             |              | J         | 332           | mg/kg | 179    | mg/kg |
| RY511-B      | 10FC-RY511-B-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | THALLIUM      | 1.7           | N           | U             |              | U         | 1.7           | mg/kg | 1.7    | mg/kg |
| RY511-B      | 10FC-RY511-B-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | ANTIMONY      | 4.0           | Y           | J             |              | J         | 4.0           | mg/kg | 1.1    | mg/kg |
| RY511-B      | 10FC-RY511-B-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | ARSENIC       | 0.66          | Y           |               |              |           | 0.66          | mg/kg | 3.4    | mg/kg |
| RY511-B      | 10FC-RY511-B-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | BARIUM        | 13.3          | Y           | J             | J            |           | 13.3          | mg/kg | 133    | mg/kg |
| RY511-B      | 10FC-RY511-B-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | BERYLLIUM     | 0.33          | Y           | J             |              | J         | 0.33          | mg/kg | 0.3    | mg/kg |
| RY511-B      | 10FC-RY511-B-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | CADMIUM       | 0.33          | Y           |               |              |           | 0.33          | mg/kg | 0.42   | mg/kg |
| RY511-B      | 10FC-RY511-B-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | CHROMIUM      | 0.66          | Y           | J             | J            |           | 0.66          | mg/kg | 6.4    | mg/kg |
| RY511-B      | 10FC-RY511-B-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | COBALT        | 3.3           | Y           |               |              |           | 3.3           | mg/kg | 3.9    | mg/kg |
| RY511-B      | 10FC-RY511-B-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | COPPER        | 1.7           | Y           | J             | J            |           | 1.7           | mg/kg | 8.7    | mg/kg |
| RY511-B      | 10FC-RY511-B-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | VANADIUM      | 3.3           | Y           |               |              |           | 3.3           | mg/kg | 11.8   | mg/kg |
| RY511-B      | 10FC-RY511-B-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | ZINC          | 4.0           | Y           |               |              |           | 4.0           | mg/kg | 92.1   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY511-B      | 10FC-RY511-B-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | CALCIUM       | 332                 | Y           |               |              |           | 332                 | mg/kg | 2230   | mg/kg |
| RY511-B      | 10FC-RY511-B-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | SELENIUM      | 2.3                 | Y           | J             |              | J         | 2.3                 | mg/kg | 0.38   | mg/kg |
| RY511-C      | 10FC-RY511-C-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ALUMINUM      | 12.2                | Y           |               |              |           | 12.2                | mg/kg | 6090   | mg/kg |
| RY511-C      | 10FC-RY511-C-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | IRON          | 6.1                 | Y           |               |              |           | 6.1                 | mg/kg | 8350   | mg/kg |
| RY511-C      | 10FC-RY511-C-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | LEAD          | 0.61                | Y           | J+            | J+           |           | 0.61                | mg/kg | 22.8   | mg/kg |
| RY511-C      | 10FC-RY511-C-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | MAGNESIUM     | 306                 | Y           |               |              |           | 306                 | mg/kg | 2140   | mg/kg |
| RY511-C      | 10FC-RY511-C-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | MANGANESE     | 0.92                | Y           | J             | J            |           | 0.92                | mg/kg | 267    | mg/kg |
| RY511-C      | 10FC-RY511-C-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | NICKEL        | 2.4                 | Y           |               |              |           | 2.4                 | mg/kg | 5      | mg/kg |
| RY511-C      | 10FC-RY511-C-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | POTASSIUM     | 306                 | Y           | J             | J            |           | 306                 | mg/kg | 1060   | mg/kg |
| RY511-C      | 10FC-RY511-C-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | SILVER        | 0.61                | N           | U             |              | U         | 0.61                | mg/kg | 0.61   | mg/kg |
| RY511-C      | 10FC-RY511-C-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | SODIUM        | 306                 | Y           | J             |              | J         | 306                 | mg/kg | 153    | mg/kg |
| RY511-C      | 10FC-RY511-C-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | THALLIUM      | 1.5                 | N           | U             |              | U         | 1.5                 | mg/kg | 1.5    | mg/kg |
| RY511-C      | 10FC-RY511-C-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ANTIMONY      | 3.7                 | Y           | J             |              | J         | 3.7                 | mg/kg | 0.84   | mg/kg |
| RY511-C      | 10FC-RY511-C-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ARSENIC       | 0.61                | Y           |               |              |           | 0.61                | mg/kg | 3.1    | mg/kg |
| RY511-C      | 10FC-RY511-C-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | BARIUM        | 12.2                | Y           | J             | J            |           | 12.2                | mg/kg | 101    | mg/kg |
| RY511-C      | 10FC-RY511-C-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | BERYLLIUM     | 0.31                | Y           |               |              |           | 0.31                | mg/kg | 0.33   | mg/kg |
| RY511-C      | 10FC-RY511-C-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | CADMIUM       | 0.31                | Y           | J             |              | J         | 0.31                | mg/kg | 0.19   | mg/kg |
| RY511-C      | 10FC-RY511-C-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | CHROMIUM      | 0.61                | Y           | J             | J            |           | 0.61                | mg/kg | 5.5    | mg/kg |
| RY511-C      | 10FC-RY511-C-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | COBALT        | 3.1                 | Y           |               |              |           | 3.1                 | mg/kg | 3.8    | mg/kg |
| RY511-C      | 10FC-RY511-C-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | COPPER        | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 7.2    | mg/kg |
| RY511-C      | 10FC-RY511-C-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | VANADIUM      | 3.1                 | Y           |               |              |           | 3.1                 | mg/kg | 11.8   | mg/kg |
| RY511-C      | 10FC-RY511-C-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ZINC          | 3.7                 | Y           |               |              |           | 3.7                 | mg/kg | 42.7   | mg/kg |
| RY511-C      | 10FC-RY511-C-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | CALCIUM       | 306                 | Y           |               |              |           | 306                 | mg/kg | 1670   | mg/kg |
| RY511-C      | 10FC-RY511-C-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | SELENIUM      | 2.1                 | Y           | J             |              | J         | 2.1                 | mg/kg | 0.37   | mg/kg |
| RY511-C      | 10FC-RY511-C-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ALUMINUM      | 13.4                | Y           |               |              |           | 13.4                | mg/kg | 6090   | mg/kg |
| RY511-C      | 10FC-RY511-C-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | IRON          | 6.7                 | Y           |               |              |           | 6.7                 | mg/kg | 8230   | mg/kg |
| RY511-C      | 10FC-RY511-C-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | LEAD          | 0.67                | Y           | J+            | J+           |           | 0.67                | mg/kg | 13.1   | mg/kg |
| RY511-C      | 10FC-RY511-C-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | MAGNESIUM     | 334                 | Y           |               |              |           | 334                 | mg/kg | 2110   | mg/kg |
| RY511-C      | 10FC-RY511-C-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | MANGANESE     | 1.0                 | Y           | J             | J            |           | 1.0                 | mg/kg | 259    | mg/kg |
| RY511-C      | 10FC-RY511-C-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | NICKEL        | 2.7                 | Y           |               |              |           | 2.7                 | mg/kg | 5.2    | mg/kg |
| RY511-C      | 10FC-RY511-C-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | POTASSIUM     | 334                 | Y           | J             | J            |           | 334                 | mg/kg | 1000   | mg/kg |
| RY511-C      | 10FC-RY511-C-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | SILVER        | 0.67                | N           | U             |              | U         | 0.67                | mg/kg | 0.67   | mg/kg |
| RY511-C      | 10FC-RY511-C-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | SODIUM        | 334                 | Y           | J             |              | J         | 334                 | mg/kg | 204    | mg/kg |
| RY511-C      | 10FC-RY511-C-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | THALLIUM      | 1.7                 | N           | U             |              | U         | 1.7                 | mg/kg | 1.7    | mg/kg |
| RY511-C      | 10FC-RY511-C-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ANTIMONY      | 4.0                 | Y           | J             |              | J         | 4.0                 | mg/kg | 0.91   | mg/kg |
| RY511-C      | 10FC-RY511-C-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ARSENIC       | 0.67                | Y           |               |              |           | 0.67                | mg/kg | 3.2    | mg/kg |
| RY511-C      | 10FC-RY511-C-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | BARIUM        | 13.4                | Y           | J             | J            |           | 13.4                | mg/kg | 98.5   | mg/kg |
| RY511-C      | 10FC-RY511-C-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | BERYLLIUM     | 0.33                | Y           | J             |              | J         | 0.33                | mg/kg | 0.33   | mg/kg |
| RY511-C      | 10FC-RY511-C-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | CADMIUM       | 0.33                | Y           | J             |              | J         | 0.33                | mg/kg | 0.12   | mg/kg |
| RY511-C      | 10FC-RY511-C-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | CHROMIUM      | 0.67                | Y           | J             | J            |           | 0.67                | mg/kg | 5.6    | mg/kg |
| RY511-C      | 10FC-RY511-C-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | COBALT        | 3.3                 | Y           |               |              |           | 3.3                 | mg/kg | 3.9    | mg/kg |
| RY511-C      | 10FC-RY511-C-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | COPPER        | 1.7                 | Y           | J             | J            |           | 1.7                 | mg/kg | 6.9    | mg/kg |
| RY511-C      | 10FC-RY511-C-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | VANADIUM      | 3.3                 | Y           |               |              |           | 3.3                 | mg/kg | 11     | mg/kg |
| RY511-C      | 10FC-RY511-C-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ZINC          | 4.0                 | Y           |               |              |           | 4.0                 | mg/kg | 34.8   | mg/kg |
| RY511-C      | 10FC-RY511-C-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | CALCIUM       | 334                 | Y           |               |              |           | 334                 | mg/kg | 1420   | mg/kg |
| RY511-C      | 10FC-RY511-C-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | SELENIUM      | 2.3                 | N           | U             |              | U         | 2.3                 | mg/kg | 2.3    | mg/kg |
| RY511-C      | 10FC-RY511-C-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | ALUMINUM      | 13.1                | Y           |               |              |           | 13.1                | mg/kg | 6250   | mg/kg |
| RY511-C      | 10FC-RY511-C-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | IRON          | 6.5                 | Y           |               |              |           | 6.5                 | mg/kg | 8500   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY511-C      | 10FC-RY511-C-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | LEAD          | 0.65          | Y           | J+            | J+           |           | 0.65          | mg/kg | 9      | mg/kg |
| RY511-C      | 10FC-RY511-C-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | MAGNESIUM     | 327           | Y           |               |              |           | 327           | mg/kg | 2230   | mg/kg |
| RY511-C      | 10FC-RY511-C-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | MANGANESE     | 0.98          | Y           | J             | J            |           | 0.98          | mg/kg | 265    | mg/kg |
| RY511-C      | 10FC-RY511-C-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | NICKEL        | 2.6           | Y           |               |              |           | 2.6           | mg/kg | 5.4    | mg/kg |
| RY511-C      | 10FC-RY511-C-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | POTASSIUM     | 327           | Y           | J             | J            |           | 327           | mg/kg | 1060   | mg/kg |
| RY511-C      | 10FC-RY511-C-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | SILVER        | 0.65          | N           | U             |              | U         | 0.65          | mg/kg | 0.65   | mg/kg |
| RY511-C      | 10FC-RY511-C-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | SODIUM        | 327           | Y           | J             |              | J         | 327           | mg/kg | 171    | mg/kg |
| RY511-C      | 10FC-RY511-C-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | THALLIUM      | 1.6           | N           | U             |              | U         | 1.6           | mg/kg | 1.6    | mg/kg |
| RY511-C      | 10FC-RY511-C-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | ANTIMONY      | 3.9           | Y           | J             |              | J         | 3.9           | mg/kg | 0.98   | mg/kg |
| RY511-C      | 10FC-RY511-C-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | ARSENIC       | 0.65          | Y           |               |              |           | 0.65          | mg/kg | 3.2    | mg/kg |
| RY511-C      | 10FC-RY511-C-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | BARIUM        | 13.1          | Y           | J             | J            |           | 13.1          | mg/kg | 102    | mg/kg |
| RY511-C      | 10FC-RY511-C-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | BERYLLIUM     | 0.33          | Y           |               |              |           | 0.33          | mg/kg | 0.33   | mg/kg |
| RY511-C      | 10FC-RY511-C-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | CADMIUM       | 0.33          | Y           | J             |              | J         | 0.33          | mg/kg | 0.08   | mg/kg |
| RY511-C      | 10FC-RY511-C-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | CHROMIUM      | 0.65          | Y           | J             | J            |           | 0.65          | mg/kg | 5.7    | mg/kg |
| RY511-C      | 10FC-RY511-C-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | COBALT        | 3.3           | Y           |               |              |           | 3.3           | mg/kg | 4      | mg/kg |
| RY511-C      | 10FC-RY511-C-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | COPPER        | 1.6           | Y           | J             | J            |           | 1.6           | mg/kg | 7.1    | mg/kg |
| RY511-C      | 10FC-RY511-C-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | VANADIUM      | 3.3           | Y           |               |              |           | 3.3           | mg/kg | 11.8   | mg/kg |
| RY511-C      | 10FC-RY511-C-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | ZINC          | 3.9           | Y           |               |              |           | 3.9           | mg/kg | 30.3   | mg/kg |
| RY511-C      | 10FC-RY511-C-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | CALCIUM       | 327           | Y           |               |              |           | 327           | mg/kg | 1470   | mg/kg |
| RY511-C      | 10FC-RY511-C-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | SELENIUM      | 2.3           | N           | U             |              | U         | 2.3           | mg/kg | 2.3    | mg/kg |
| RY511-D      | 10FC-RY511-D-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ALUMINUM      | 11.1          | Y           |               |              |           | 11.1          | mg/kg | 3970   | mg/kg |
| RY511-D      | 10FC-RY511-D-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ANTIMONY      | 3.3           | Y           | J             |              | J         | 3.3           | mg/kg | 1.2    | mg/kg |
| RY511-D      | 10FC-RY511-D-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ARSENIC       | 0.55          | Y           |               |              |           | 0.55          | mg/kg | 5      | mg/kg |
| RY511-D      | 10FC-RY511-D-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | BARIUM        | 11.1          | Y           | J             | J            |           | 11.1          | mg/kg | 82.1   | mg/kg |
| RY511-D      | 10FC-RY511-D-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | BERYLLIUM     | 0.28          | Y           | J             |              | J         | 0.28          | mg/kg | 0.24   | mg/kg |
| RY511-D      | 10FC-RY511-D-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | CADMIUM       | 0.28          | Y           | J             |              | J         | 0.28          | mg/kg | 0.24   | mg/kg |
| RY511-D      | 10FC-RY511-D-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | IRON          | 5.5           | Y           |               |              |           | 5.5           | mg/kg | 7090   | mg/kg |
| RY511-D      | 10FC-RY511-D-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | LEAD          | 0.55          | Y           | J+            | J+           |           | 0.55          | mg/kg | 18.3   | mg/kg |
| RY511-D      | 10FC-RY511-D-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | MAGNESIUM     | 277           | Y           |               |              |           | 277           | mg/kg | 4380   | mg/kg |
| RY511-D      | 10FC-RY511-D-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | MANGANESE     | 0.83          | Y           | J             | J            |           | 0.83          | mg/kg | 206    | mg/kg |
| RY511-D      | 10FC-RY511-D-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | NICKEL        | 2.2           | Y           |               |              |           | 2.2           | mg/kg | 6.5    | mg/kg |
| RY511-D      | 10FC-RY511-D-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | POTASSIUM     | 277           | Y           | J             | J            |           | 277           | mg/kg | 1060   | mg/kg |
| RY511-D      | 10FC-RY511-D-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | SILVER        | 0.55          | N           | U             |              | U         | 0.55          | mg/kg | 0.55   | mg/kg |
| RY511-D      | 10FC-RY511-D-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | SODIUM        | 277           | Y           | J             |              | J         | 277           | mg/kg | 199    | mg/kg |
| RY511-D      | 10FC-RY511-D-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | THALLIUM      | 1.4           | N           | U             |              | U         | 1.4           | mg/kg | 1.4    | mg/kg |
| RY511-D      | 10FC-RY511-D-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | CHROMIUM      | 0.55          | Y           | J             | J            |           | 0.55          | mg/kg | 7      | mg/kg |
| RY511-D      | 10FC-RY511-D-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | COBALT        | 2.8           | Y           |               |              |           | 2.8           | mg/kg | 3.6    | mg/kg |
| RY511-D      | 10FC-RY511-D-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | COPPER        | 1.4           | Y           | J             | J            |           | 1.4           | mg/kg | 58.1   | mg/kg |
| RY511-D      | 10FC-RY511-D-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | VANADIUM      | 2.8           | Y           |               |              |           | 2.8           | mg/kg | 7.4    | mg/kg |
| RY511-D      | 10FC-RY511-D-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ZINC          | 3.3           | Y           |               |              |           | 3.3           | mg/kg | 99.8   | mg/kg |
| RY511-D      | 10FC-RY511-D-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | CALCIUM       | 1390          | Y           |               |              |           | 1390          | mg/kg | 29200  | mg/kg |
| RY511-D      | 10FC-RY511-D-000002 | 6/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | SELENIUM      | 1.9           | N           | U             |              | U         | 1.9           | mg/kg | 1.9    | mg/kg |
| RY511-D      | 10FC-RY511-D-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ALUMINUM      | 14.2          | Y           |               |              |           | 14.2          | mg/kg | 5820   | mg/kg |
| RY511-D      | 10FC-RY511-D-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | IRON          | 7.1           | Y           |               |              |           | 7.1           | mg/kg | 9860   | mg/kg |
| RY511-D      | 10FC-RY511-D-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | LEAD          | 0.71          | Y           | J+            | J+           |           | 0.71          | mg/kg | 66.3   | mg/kg |
| RY511-D      | 10FC-RY511-D-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | MAGNESIUM     | 355           | Y           |               |              |           | 355           | mg/kg | 2970   | mg/kg |
| RY511-D      | 10FC-RY511-D-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | MANGANESE     | 1.1           | Y           | J             | J            |           | 1.1           | mg/kg | 301    | mg/kg |
| RY511-D      | 10FC-RY511-D-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | NICKEL        | 2.8           | Y           |               |              |           | 2.8           | mg/kg | 7.3    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY511-D      | 10FC-RY511-D-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | POTASSIUM     | 355           | Y           | J             | J            |           | 355           | mg/kg | 1210   | mg/kg |
| RY511-D      | 10FC-RY511-D-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | SILVER        | 0.71          | N           | U             |              | U         | 0.71          | mg/kg | 0.71   | mg/kg |
| RY511-D      | 10FC-RY511-D-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | SODIUM        | 355           | Y           | J             |              | J         | 355           | mg/kg | 232    | mg/kg |
| RY511-D      | 10FC-RY511-D-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | THALLIUM      | 1.8           | N           | U             |              | U         | 1.8           | mg/kg | 1.8    | mg/kg |
| RY511-D      | 10FC-RY511-D-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ANTIMONY      | 4.3           | Y           | J             |              | J         | 4.3           | mg/kg | 2.3    | mg/kg |
| RY511-D      | 10FC-RY511-D-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ARSENIC       | 0.71          | Y           |               |              |           | 0.71          | mg/kg | 6.7    | mg/kg |
| RY511-D      | 10FC-RY511-D-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | BARIUM        | 14.2          | Y           | J             | J            |           | 14.2          | mg/kg | 142    | mg/kg |
| RY511-D      | 10FC-RY511-D-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | BERYLLIUM     | 0.36          | Y           | J             |              | J         | 0.36          | mg/kg | 0.35   | mg/kg |
| RY511-D      | 10FC-RY511-D-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | CADMIUM       | 0.36          | Y           |               |              |           | 0.36          | mg/kg | 0.62   | mg/kg |
| RY511-D      | 10FC-RY511-D-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | CHROMIUM      | 0.71          | Y           | J             | J            |           | 0.71          | mg/kg | 7.2    | mg/kg |
| RY511-D      | 10FC-RY511-D-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | COBALT        | 3.6           | Y           |               |              |           | 3.6           | mg/kg | 4.6    | mg/kg |
| RY511-D      | 10FC-RY511-D-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | COPPER        | 1.8           | Y           | J             | J            |           | 1.8           | mg/kg | 16.1   | mg/kg |
| RY511-D      | 10FC-RY511-D-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | VANADIUM      | 3.6           | Y           |               |              |           | 3.6           | mg/kg | 12.5   | mg/kg |
| RY511-D      | 10FC-RY511-D-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | ZINC          | 4.3           | Y           |               |              |           | 4.3           | mg/kg | 116    | mg/kg |
| RY511-D      | 10FC-RY511-D-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | CALCIUM       | 355           | Y           |               |              |           | 355           | mg/kg | 6030   | mg/kg |
| RY511-D      | 10FC-RY511-D-002006 | 6/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/18/2010    | SELENIUM      | 2.5           | N           | U             |              | U         | 2.5           | mg/kg | 2.5    | mg/kg |
| RY511-D      | 10FC-RY511-D-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | ALUMINUM      | 13.0          | Y           |               |              |           | 13.0          | mg/kg | 5320   | mg/kg |
| RY511-D      | 10FC-RY511-D-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | IRON          | 6.5           | Y           |               |              |           | 6.5           | mg/kg | 8110   | mg/kg |
| RY511-D      | 10FC-RY511-D-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | LEAD          | 0.65          | Y           | J+            | J+           |           | 0.65          | mg/kg | 16.5   | mg/kg |
| RY511-D      | 10FC-RY511-D-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | MAGNESIUM     | 325           | Y           |               |              |           | 325           | mg/kg | 2200   | mg/kg |
| RY511-D      | 10FC-RY511-D-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | MANGANESE     | 0.98          | Y           | J             | J            |           | 0.98          | mg/kg | 273    | mg/kg |
| RY511-D      | 10FC-RY511-D-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | NICKEL        | 2.6           | Y           |               |              |           | 2.6           | mg/kg | 5.5    | mg/kg |
| RY511-D      | 10FC-RY511-D-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | POTASSIUM     | 325           | Y           | J             | J            |           | 325           | mg/kg | 959    | mg/kg |
| RY511-D      | 10FC-RY511-D-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | SILVER        | 0.65          | N           | U             |              | U         | 0.65          | mg/kg | 0.65   | mg/kg |
| RY511-D      | 10FC-RY511-D-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | SODIUM        | 325           | Y           | J             |              | J         | 325           | mg/kg | 190    | mg/kg |
| RY511-D      | 10FC-RY511-D-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | THALLIUM      | 1.6           | N           | U             |              | U         | 1.6           | mg/kg | 1.6    | mg/kg |
| RY511-D      | 10FC-RY511-D-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | ANTIMONY      | 3.9           | Y           | J             |              | J         | 3.9           | mg/kg | 1.4    | mg/kg |
| RY511-D      | 10FC-RY511-D-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | ARSENIC       | 0.65          | Y           |               |              |           | 0.65          | mg/kg | 2.9    | mg/kg |
| RY511-D      | 10FC-RY511-D-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | BARIUM        | 13.0          | Y           | J             | J            |           | 13.0          | mg/kg | 113    | mg/kg |
| RY511-D      | 10FC-RY511-D-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | BERYLLIUM     | 0.33          | Y           | J             |              | J         | 0.33          | mg/kg | 0.3    | mg/kg |
| RY511-D      | 10FC-RY511-D-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | CADMIUM       | 0.33          | Y           | J             |              | J         | 0.33          | mg/kg | 0.13   | mg/kg |
| RY511-D      | 10FC-RY511-D-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | CHROMIUM      | 0.65          | Y           | J             | J            |           | 0.65          | mg/kg | 5.5    | mg/kg |
| RY511-D      | 10FC-RY511-D-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | COBALT        | 3.3           | Y           |               |              |           | 3.3           | mg/kg | 4      | mg/kg |
| RY511-D      | 10FC-RY511-D-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | COPPER        | 1.6           | Y           | J             | J            |           | 1.6           | mg/kg | 7.1    | mg/kg |
| RY511-D      | 10FC-RY511-D-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | VANADIUM      | 3.3           | Y           |               |              |           | 3.3           | mg/kg | 11.3   | mg/kg |
| RY511-D      | 10FC-RY511-D-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | ZINC          | 3.9           | Y           |               |              |           | 3.9           | mg/kg | 34.4   | mg/kg |
| RY511-D      | 10FC-RY511-D-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | CALCIUM       | 325           | Y           |               |              |           | 325           | mg/kg | 2280   | mg/kg |
| RY511-D      | 10FC-RY511-D-006012 | 6/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/18/2010    | SELENIUM      | 2.3           | Y           | J             |              | J         | 2.3           | mg/kg | 0.35   | mg/kg |
| RY523-A      | 10FC-RY523-A-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ALUMINUM      | 11.9          | Y           |               |              |           | 11.9          | mg/kg | 7050   | mg/kg |
| RY523-A      | 10FC-RY523-A-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | IRON          | 6.0           | Y           |               |              |           | 6.0           | mg/kg | 9510   | mg/kg |
| RY523-A      | 10FC-RY523-A-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | LEAD          | 0.60          | Y           | J+            | J+           |           | 0.60          | mg/kg | 129    | mg/kg |
| RY523-A      | 10FC-RY523-A-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | MAGNESIUM     | 299           | Y           |               |              |           | 299           | mg/kg | 2560   | mg/kg |
| RY523-A      | 10FC-RY523-A-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | MANGANESE     | 0.90          | Y           | J             | J            |           | 0.90          | mg/kg | 313    | mg/kg |
| RY523-A      | 10FC-RY523-A-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | NICKEL        | 2.4           | Y           |               |              |           | 2.4           | mg/kg | 6.4    | mg/kg |
| RY523-A      | 10FC-RY523-A-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | POTASSIUM     | 299           | Y           | J             | J            |           | 299           | mg/kg | 1030   | mg/kg |
| RY523-A      | 10FC-RY523-A-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | SILVER        | 0.60          | Y           | J             |              | J         | 0.60          | mg/kg | 0.37   | mg/kg |
| RY523-A      | 10FC-RY523-A-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | SODIUM        | 299           | Y           | J             |              | J         | 299           | mg/kg | 138    | mg/kg |
| RY523-A      | 10FC-RY523-A-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | THALLIUM      | 1.5           | N           | U             |              | U         | 1.5           | mg/kg | 1.5    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY523-A      | 10FC-RY523-A-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ANTIMONY      | 3.6           | Y           |               |              |           | 3.6           | mg/kg | 7.8    | mg/kg |
| RY523-A      | 10FC-RY523-A-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ARSENIC       | 0.60          | Y           |               |              |           | 0.60          | mg/kg | 17.6   | mg/kg |
| RY523-A      | 10FC-RY523-A-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | BARIUM        | 11.9          | Y           | J             | J            |           | 11.9          | mg/kg | 120    | mg/kg |
| RY523-A      | 10FC-RY523-A-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | BERYLLIUM     | 0.30          | Y           |               |              |           | 0.30          | mg/kg | 0.36   | mg/kg |
| RY523-A      | 10FC-RY523-A-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | CADMIUM       | 0.30          | Y           |               |              |           | 0.30          | mg/kg | 0.6    | mg/kg |
| RY523-A      | 10FC-RY523-A-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | CHROMIUM      | 0.60          | Y           | J             | J            |           | 0.60          | mg/kg | 10.7   | mg/kg |
| RY523-A      | 10FC-RY523-A-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | COBALT        | 3.0           | Y           |               |              |           | 3.0           | mg/kg | 4.3    | mg/kg |
| RY523-A      | 10FC-RY523-A-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | COPPER        | 1.5           | Y           | J             | J            |           | 1.5           | mg/kg | 11.6   | mg/kg |
| RY523-A      | 10FC-RY523-A-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | VANADIUM      | 3.0           | Y           |               |              |           | 3.0           | mg/kg | 11.8   | mg/kg |
| RY523-A      | 10FC-RY523-A-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | ZINC          | 3.6           | Y           |               |              |           | 3.6           | mg/kg | 109    | mg/kg |
| RY523-A      | 10FC-RY523-A-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | CALCIUM       | 299           | Y           |               |              |           | 299           | mg/kg | 4330   | mg/kg |
| RY523-A      | 10FC-RY523-A-000002 | 7/1/2010    | N           | 0           | 2         | in         | C200.7          | 10/18/2010    | SELENIUM      | 2.1           | Y           | J             |              | J         | 2.1           | mg/kg | 0.31   | mg/kg |
| RY523-A      | 10FC-RY523-A-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ALUMINUM      | 12.2          | Y           |               |              |           | 12.2          | mg/kg | 6060   | mg/kg |
| RY523-A      | 10FC-RY523-A-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | IRON          | 6.1           | Y           |               |              |           | 6.1           | mg/kg | 10100  | mg/kg |
| RY523-A      | 10FC-RY523-A-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | LEAD          | 0.61          | Y           | J+            | J+           |           | 0.61          | mg/kg | 168    | mg/kg |
| RY523-A      | 10FC-RY523-A-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | MAGNESIUM     | 305           | Y           |               |              |           | 305           | mg/kg | 2160   | mg/kg |
| RY523-A      | 10FC-RY523-A-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | MANGANESE     | 0.91          | Y           | J             | J            |           | 0.91          | mg/kg | 429    | mg/kg |
| RY523-A      | 10FC-RY523-A-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | NICKEL        | 2.4           | Y           |               |              |           | 2.4           | mg/kg | 5.2    | mg/kg |
| RY523-A      | 10FC-RY523-A-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | POTASSIUM     | 305           | Y           | J             | J            |           | 305           | mg/kg | 846    | mg/kg |
| RY523-A      | 10FC-RY523-A-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SILVER        | 0.61          | Y           | J             |              | J         | 0.61          | mg/kg | 0.45   | mg/kg |
| RY523-A      | 10FC-RY523-A-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | SODIUM        | 305           | Y           | J             |              | J         | 305           | mg/kg | 167    | mg/kg |
| RY523-A      | 10FC-RY523-A-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | THALLIUM      | 1.5           | N           | U             |              | U         | 1.5           | mg/kg | 1.5    | mg/kg |
| RY523-A      | 10FC-RY523-A-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ANTIMONY      | 3.7           | Y           |               |              |           | 3.7           | mg/kg | 14.2   | mg/kg |
| RY523-A      | 10FC-RY523-A-002006 | 7/1/2010    | N           | 2           | 6         | in         | C200.7          | 10/15/2010    | ARSENIC       | 0.61          | Y           |               |              |           | 0.61          | mg/kg | 25.1   | mg/kg |
| RY489-H      | 10FC-RY489-H-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | ANTIMONY      | 6.0           | N           | UJ            | UJ           | U         | 6.0           | mg/kg | 6.6    | mg/kg |
| RY489-H      | 10FC-RY489-H-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | ARSENIC       | 1.0           | Y           |               |              |           | 1.0           | mg/kg | 2.1    | mg/kg |
| RY489-H      | 10FC-RY489-H-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | BARIUM        | 20.0          | Y           |               |              |           | 20.0          | mg/kg | 162    | mg/kg |
| RY489-H      | 10FC-RY489-H-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | BERYLLIUM     | 0.50          | Y           | J             |              | J         | 0.50          | mg/kg | 0.19   | mg/kg |
| RY489-H      | 10FC-RY489-H-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | CADMIUM       | 0.50          | Y           | J             |              | J         | 0.50          | mg/kg | 0.016  | mg/kg |
| RY489-H      | 10FC-RY489-H-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | CHROMIUM      | 1.0           | Y           |               |              |           | 1.0           | mg/kg | 6      | mg/kg |
| RY489-H      | 10FC-RY489-H-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | COBALT        | 5.0           | Y           | J             |              | J         | 5.0           | mg/kg | 3.5    | mg/kg |
| RY489-H      | 10FC-RY489-H-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | COPPER        | 2.5           | Y           |               |              |           | 2.5           | mg/kg | 7.5    | mg/kg |
| RY489-H      | 10FC-RY489-H-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | VANADIUM      | 5.0           | Y           |               |              |           | 5.0           | mg/kg | 7.3    | mg/kg |
| RY489-H      | 10FC-RY489-H-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | ZINC          | 6.0           | Y           |               |              |           | 6.0           | mg/kg | 20     | mg/kg |
| RY489-H      | 10FC-RY489-H-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | CALCIUM       | 500           | Y           |               |              |           | 500           | mg/kg | 2190   | mg/kg |
| RY489-H      | 10FC-RY489-H-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | SELENIUM      | 3.5           | Y           | J             |              | J         | 3.5           | mg/kg | 0.41   | mg/kg |
| RY489-H      | 10FC-RY489-H-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | ALUMINUM      | 20.0          | Y           |               |              |           | 20.0          | mg/kg | 3680   | mg/kg |
| RY489-H      | 10FC-RY489-H-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | IRON          | 10.0          | Y           |               |              |           | 10.0          | mg/kg | 3970   | mg/kg |
| RY489-H      | 10FC-RY489-H-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | LEAD          | 1.0           | Y           | J+            | J+           |           | 1.0           | mg/kg | 2.7    | mg/kg |
| RY489-H      | 10FC-RY489-H-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | MAGNESIUM     | 500           | Y           |               |              |           | 500           | mg/kg | 1360   | mg/kg |
| RY489-H      | 10FC-RY489-H-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | MANGANESE     | 1.5           | Y           | J             | J            |           | 1.5           | mg/kg | 181    | mg/kg |
| RY489-H      | 10FC-RY489-H-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | NICKEL        | 4.0           | Y           | J             |              | J         | 4.0           | mg/kg | 3.2    | mg/kg |
| RY489-H      | 10FC-RY489-H-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | POTASSIUM     | 500           | Y           |               |              |           | 500           | mg/kg | 581    | mg/kg |
| RY489-H      | 10FC-RY489-H-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | SILVER        | 1.0           | N           | U             |              | U         | 1.0           | mg/kg | 1.1    | mg/kg |
| RY489-H      | 10FC-RY489-H-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | SODIUM        | 500           | Y           | J             | J            | J         | 500           | mg/kg | 74     | mg/kg |
| RY489-H      | 10FC-RY489-H-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5           | mg/kg | 2.8    | mg/kg |
| RY489-H      | 10FC-RY489-H-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | ANTIMONY      | 6.0           | N           | UJ            | UJ           | U         | 6.0           | mg/kg | 6.7    | mg/kg |
| RY489-H      | 10FC-RY489-H-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | ARSENIC       | 1.0           | Y           |               |              |           | 1.0           | mg/kg | 1.5    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY489-H      | 10FC-RY489-H-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | BARIUM        | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 91.3   | mg/kg |
| RY489-H      | 10FC-RY489-H-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | BERYLLIUM     | 0.50                | Y           | J             |              | J         | 0.50                | mg/kg | 0.044  | mg/kg |
| RY489-H      | 10FC-RY489-H-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | CADMIUM       | 0.50                | N           | U             |              | U         | 0.50                | mg/kg | 0.56   | mg/kg |
| RY489-H      | 10FC-RY489-H-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | CHROMIUM      | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 2.9    | mg/kg |
| RY489-H      | 10FC-RY489-H-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | COBALT        | 5.0                 | Y           | J             |              | J         | 5.0                 | mg/kg | 2.4    | mg/kg |
| RY489-H      | 10FC-RY489-H-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 4.9    | mg/kg |
| RY489-H      | 10FC-RY489-H-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | VANADIUM      | 5.0                 | Y           | J             |              | J         | 5.0                 | mg/kg | 4.2    | mg/kg |
| RY489-H      | 10FC-RY489-H-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 13.8   | mg/kg |
| RY489-H      | 10FC-RY489-H-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 693    | mg/kg |
| RY489-H      | 10FC-RY489-H-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | SELENIUM      | 3.5                 | N           | U             |              | U         | 3.5                 | mg/kg | 3.9    | mg/kg |
| RY489-H      | 10FC-RY489-H-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | ALUMINUM      | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 5890   | mg/kg |
| RY489-H      | 10FC-RY489-H-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | IRON          | 10.0                | Y           |               |              |           | 10.0                | mg/kg | 6610   | mg/kg |
| RY489-H      | 10FC-RY489-H-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | LEAD          | 1.0                 | Y           | J+            |              | J+        | 1.0                 | mg/kg | 2.9    | mg/kg |
| RY489-H      | 10FC-RY489-H-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2870   | mg/kg |
| RY489-H      | 10FC-RY489-H-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | MANGANESE     | 1.5                 | Y           | J             |              | J         | 1.5                 | mg/kg | 243    | mg/kg |
| RY489-H      | 10FC-RY489-H-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | NICKEL        | 4.0                 | Y           | J             |              | J         | 4.0                 | mg/kg | 3.5    | mg/kg |
| RY489-H      | 10FC-RY489-H-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 887    | mg/kg |
| RY489-H      | 10FC-RY489-H-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | SILVER        | 1.0                 | N           | U             |              | U         | 1.0                 | mg/kg | 1.1    | mg/kg |
| RY489-H      | 10FC-RY489-H-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 130    | mg/kg |
| RY489-H      | 10FC-RY489-H-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.8    | mg/kg |
| RY489-H      | 10FC-RY489-H-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | ANTIMONY      | 6.0                 | N           | UJ            |              | UJ        | 6.0                 | mg/kg | 6.7    | mg/kg |
| RY489-H      | 10FC-RY489-H-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | ARSENIC       | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 1.8    | mg/kg |
| RY489-H      | 10FC-RY489-H-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | BARIUM        | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 148    | mg/kg |
| RY489-H      | 10FC-RY489-H-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | BERYLLIUM     | 0.50                | Y           | J             |              | J         | 0.50                | mg/kg | 0.11   | mg/kg |
| RY489-H      | 10FC-RY489-H-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | CADMIUM       | 0.50                | N           | U             |              | U         | 0.50                | mg/kg | 0.56   | mg/kg |
| RY489-H      | 10FC-RY489-H-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | CHROMIUM      | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 4.3    | mg/kg |
| RY489-H      | 10FC-RY489-H-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | COBALT        | 5.0                 | Y           | J             |              | J         | 5.0                 | mg/kg | 2.4    | mg/kg |
| RY489-H      | 10FC-RY489-H-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 5.5    | mg/kg |
| RY489-H      | 10FC-RY489-H-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | VANADIUM      | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 5.8    | mg/kg |
| RY489-H      | 10FC-RY489-H-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 13.6   | mg/kg |
| RY489-H      | 10FC-RY489-H-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 2480   | mg/kg |
| RY489-H      | 10FC-RY489-H-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.55   | mg/kg |
| RY489-I      | 10FC-RY489-I-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | ALUMINUM      | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 7060   | mg/kg |
| RY489-I      | 10FC-RY489-I-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | IRON          | 10.0                | Y           |               |              |           | 10.0                | mg/kg | 6070   | mg/kg |
| RY489-I      | 10FC-RY489-I-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | LEAD          | 1.0                 | Y           | J+            |              | J+        | 1.0                 | mg/kg | 2.8    | mg/kg |
| RY489-I      | 10FC-RY489-I-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1540   | mg/kg |
| RY489-I      | 10FC-RY489-I-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | MANGANESE     | 1.5                 | Y           | J             |              | J         | 1.5                 | mg/kg | 189    | mg/kg |
| RY489-I      | 10FC-RY489-I-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | NICKEL        | 4.0                 | Y           | J             |              | J         | 4.0                 | mg/kg | 2.4    | mg/kg |
| RY489-I      | 10FC-RY489-I-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 864    | mg/kg |
| RY489-I      | 10FC-RY489-I-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | SILVER        | 1.0                 | N           | U             |              | U         | 1.0                 | mg/kg | 1.1    | mg/kg |
| RY489-I      | 10FC-RY489-I-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 141    | mg/kg |
| RY489-I      | 10FC-RY489-I-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.7    | mg/kg |
| RY489-I      | 10FC-RY489-I-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | ANTIMONY      | 6.0                 | N           | UJ            |              | UJ        | 6.0                 | mg/kg | 6.5    | mg/kg |
| RY489-I      | 10FC-RY489-I-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | ARSENIC       | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 2.7    | mg/kg |
| RY489-I      | 10FC-RY489-I-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | BARIUM        | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 78.6   | mg/kg |
| RY489-I      | 10FC-RY489-I-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | BERYLLIUM     | 0.50                | Y           | J             |              | J         | 0.50                | mg/kg | 0.035  | mg/kg |
| RY489-I      | 10FC-RY489-I-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | CADMIUM       | 0.50                | N           | U             |              | U         | 0.50                | mg/kg | 0.54   | mg/kg |
| RY489-I      | 10FC-RY489-I-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | CHROMIUM      | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 2.3    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY489-I      | 10FC-RY489-I-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | COBALT        | 5.0                 | Y           | J             |              | J         | 5.0                 | mg/kg | 1.8    | mg/kg |
| RY489-I      | 10FC-RY489-I-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 4.2    | mg/kg |
| RY489-I      | 10FC-RY489-I-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | VANADIUM      | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 6.5    | mg/kg |
| RY489-I      | 10FC-RY489-I-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 10.4   | mg/kg |
| RY489-I      | 10FC-RY489-I-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 1200   | mg/kg |
| RY489-I      | 10FC-RY489-I-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.48   | mg/kg |
| RY489-I      | 10FC-RY489-I-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | ALUMINUM      | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 11600  | mg/kg |
| RY489-I      | 10FC-RY489-I-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | IRON          | 10.0                | Y           |               |              |           | 10.0                | mg/kg | 10400  | mg/kg |
| RY489-I      | 10FC-RY489-I-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | LEAD          | 1.0                 | Y           | J+            |              | J+        | 1.0                 | mg/kg | 6.4    | mg/kg |
| RY489-I      | 10FC-RY489-I-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 3100   | mg/kg |
| RY489-I      | 10FC-RY489-I-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | MANGANESE     | 1.5                 | Y           | J             |              | J         | 1.5                 | mg/kg | 480    | mg/kg |
| RY489-I      | 10FC-RY489-I-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | NICKEL        | 4.0                 | Y           |               |              |           | 4.0                 | mg/kg | 6.1    | mg/kg |
| RY489-I      | 10FC-RY489-I-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2740   | mg/kg |
| RY489-I      | 10FC-RY489-I-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | SILVER        | 1.0                 | N           | U             |              | U         | 1.0                 | mg/kg | 1.1    | mg/kg |
| RY489-I      | 10FC-RY489-I-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 239    | mg/kg |
| RY489-I      | 10FC-RY489-I-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.8    | mg/kg |
| RY489-I      | 10FC-RY489-I-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | ANTIMONY      | 6.0                 | N           | UJ            |              | UJ        | 6.0                 | mg/kg | 6.7    | mg/kg |
| RY489-I      | 10FC-RY489-I-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | ARSENIC       | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 4.8    | mg/kg |
| RY489-I      | 10FC-RY489-I-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | BARIUM        | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 170    | mg/kg |
| RY489-I      | 10FC-RY489-I-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | BERYLLIUM     | 0.50                | Y           | J             |              | J         | 0.50                | mg/kg | 0.13   | mg/kg |
| RY489-I      | 10FC-RY489-I-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | CADMIUM       | 0.50                | Y           | J             |              | J         | 0.50                | mg/kg | 0.036  | mg/kg |
| RY489-I      | 10FC-RY489-I-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | CHROMIUM      | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 4.7    | mg/kg |
| RY489-I      | 10FC-RY489-I-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | COBALT        | 5.0                 | Y           | J             |              | J         | 5.0                 | mg/kg | 4.3    | mg/kg |
| RY489-I      | 10FC-RY489-I-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 10.7   | mg/kg |
| RY489-I      | 10FC-RY489-I-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | VANADIUM      | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 11.5   | mg/kg |
| RY489-I      | 10FC-RY489-I-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 42.5   | mg/kg |
| RY489-I      | 10FC-RY489-I-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 4090   | mg/kg |
| RY489-I      | 10FC-RY489-I-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.75   | mg/kg |
| RY489-I      | 10FC-RY489-I-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | ALUMINUM      | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 5830   | mg/kg |
| RY489-I      | 10FC-RY489-I-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | IRON          | 10.0                | Y           |               |              |           | 10.0                | mg/kg | 5120   | mg/kg |
| RY489-I      | 10FC-RY489-I-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | LEAD          | 1.0                 | Y           | J+            |              | J+        | 1.0                 | mg/kg | 2.6    | mg/kg |
| RY489-I      | 10FC-RY489-I-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1490   | mg/kg |
| RY489-I      | 10FC-RY489-I-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | MANGANESE     | 1.5                 | Y           | J             |              | J         | 1.5                 | mg/kg | 179    | mg/kg |
| RY489-I      | 10FC-RY489-I-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | NICKEL        | 4.0                 | Y           | J             |              | J         | 4.0                 | mg/kg | 2.3    | mg/kg |
| RY489-I      | 10FC-RY489-I-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1210   | mg/kg |
| RY489-I      | 10FC-RY489-I-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | SILVER        | 1.0                 | N           | U             |              | U         | 1.0                 | mg/kg | 1      | mg/kg |
| RY489-I      | 10FC-RY489-I-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | SODIUM        | 500                 | Y           | J             |              | J         | 500                 | mg/kg | 139    | mg/kg |
| RY489-I      | 10FC-RY489-I-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY489-I      | 10FC-RY489-I-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | ANTIMONY      | 6.0                 | N           | UJ            |              | UJ        | 6.0                 | mg/kg | 6.1    | mg/kg |
| RY489-I      | 10FC-RY489-I-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | ARSENIC       | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 2.1    | mg/kg |
| RY489-I      | 10FC-RY489-I-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | BARIUM        | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 76.1   | mg/kg |
| RY489-I      | 10FC-RY489-I-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | BERYLLIUM     | 0.50                | Y           | J             |              | J         | 0.50                | mg/kg | 0.019  | mg/kg |
| RY489-I      | 10FC-RY489-I-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | CADMIUM       | 0.50                | N           | U             |              | U         | 0.50                | mg/kg | 0.51   | mg/kg |
| RY489-I      | 10FC-RY489-I-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | CHROMIUM      | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 2.2    | mg/kg |
| RY489-I      | 10FC-RY489-I-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | COBALT        | 5.0                 | Y           | J             |              | J         | 5.0                 | mg/kg | 1.7    | mg/kg |
| RY489-I      | 10FC-RY489-I-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 4      | mg/kg |
| RY489-I      | 10FC-RY489-I-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | VANADIUM      | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 5.6    | mg/kg |
| RY489-I      | 10FC-RY489-I-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 13.3   | mg/kg |



Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY489-I      | 10FC-RY489-I-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | CALCIUM       | 500           | Y           |               |              |           | 500                 | mg/kg | 1700   | mg/kg |
| RY489-I      | 10FC-RY489-I-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | SELENIUM      | 3.5           | N           | U             |              | U         | 3.5                 | mg/kg | 3.6    | mg/kg |
| RY489-J      | 10FC-RY489-J-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | ALUMINUM      | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 5840   | mg/kg |
| RY489-J      | 10FC-RY489-J-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | IRON          | 10.0          | Y           |               |              |           | 10.0                | mg/kg | 9680   | mg/kg |
| RY489-J      | 10FC-RY489-J-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | LEAD          | 1.0           | Y           | J+            | J+           |           | 1.0                 | mg/kg | 4      | mg/kg |
| RY489-J      | 10FC-RY489-J-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | MAGNESIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 4700   | mg/kg |
| RY489-J      | 10FC-RY489-J-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | MANGANESE     | 1.5           | Y           | J             | J            |           | 1.5                 | mg/kg | 242    | mg/kg |
| RY489-J      | 10FC-RY489-J-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | NICKEL        | 4.0           | Y           |               |              |           | 4.0                 | mg/kg | 7.7    | mg/kg |
| RY489-J      | 10FC-RY489-J-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | POTASSIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 1040   | mg/kg |
| RY489-J      | 10FC-RY489-J-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | SILVER        | 1.0           | N           | U             |              | U         | 1.0                 | mg/kg | 1.1    | mg/kg |
| RY489-J      | 10FC-RY489-J-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | SODIUM        | 500           | Y           | J             | J            | J         | 500                 | mg/kg | 143    | mg/kg |
| RY489-J      | 10FC-RY489-J-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.7    | mg/kg |
| RY489-J      | 10FC-RY489-J-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | ANTIMONY      | 6.0           | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 6.5    | mg/kg |
| RY489-J      | 10FC-RY489-J-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | ARSENIC       | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 6.1    | mg/kg |
| RY489-J      | 10FC-RY489-J-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | BARIUM        | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 88.5   | mg/kg |
| RY489-J      | 10FC-RY489-J-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | BERYLLIUM     | 0.50          | Y           | J             |              | J         | 0.50                | mg/kg | 0.18   | mg/kg |
| RY489-J      | 10FC-RY489-J-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | CADMIUM       | 0.50          | Y           | J             |              | J         | 0.50                | mg/kg | 0.039  | mg/kg |
| RY489-J      | 10FC-RY489-J-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | CHROMIUM      | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 4.2    | mg/kg |
| RY489-J      | 10FC-RY489-J-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | COBALT        | 5.0           | Y           | J             |              | J         | 5.0                 | mg/kg | 5      | mg/kg |
| RY489-J      | 10FC-RY489-J-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | COPPER        | 2.5           | Y           |               |              |           | 2.5                 | mg/kg | 9.9    | mg/kg |
| RY489-J      | 10FC-RY489-J-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | VANADIUM      | 5.0           | Y           |               |              |           | 5.0                 | mg/kg | 6      | mg/kg |
| RY489-J      | 10FC-RY489-J-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | ZINC          | 6.0           | Y           |               |              |           | 6.0                 | mg/kg | 18.5   | mg/kg |
| RY489-J      | 10FC-RY489-J-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | CALCIUM       | 500           | Y           |               |              |           | 500                 | mg/kg | 20700  | mg/kg |
| RY489-J      | 10FC-RY489-J-000002 | 7/8/2010    | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | SELENIUM      | 3.5           | Y           | J             |              | J         | 3.5                 | mg/kg | 0.64   | mg/kg |
| RY489-J      | 10FC-RY489-J-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | ALUMINUM      | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 5430   | mg/kg |
| RY489-J      | 10FC-RY489-J-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | IRON          | 10.0          | Y           |               |              |           | 10.0                | mg/kg | 6930   | mg/kg |
| RY489-J      | 10FC-RY489-J-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | LEAD          | 1.0           | Y           | J+            | J+           |           | 1.0                 | mg/kg | 3      | mg/kg |
| RY489-J      | 10FC-RY489-J-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | MAGNESIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 3030   | mg/kg |
| RY489-J      | 10FC-RY489-J-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | MANGANESE     | 1.5           | Y           | J             | J            |           | 1.5                 | mg/kg | 225    | mg/kg |
| RY489-J      | 10FC-RY489-J-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | NICKEL        | 4.0           | Y           |               |              |           | 4.0                 | mg/kg | 4.8    | mg/kg |
| RY489-J      | 10FC-RY489-J-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | POTASSIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 895    | mg/kg |
| RY489-J      | 10FC-RY489-J-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | SILVER        | 1.0           | N           | U             |              | U         | 1.0                 | mg/kg | 1.1    | mg/kg |
| RY489-J      | 10FC-RY489-J-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | SODIUM        | 500           | Y           | J             | J            | J         | 500                 | mg/kg | 121    | mg/kg |
| RY489-J      | 10FC-RY489-J-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY489-J      | 10FC-RY489-J-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | ANTIMONY      | 6.0           | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 6.3    | mg/kg |
| RY489-J      | 10FC-RY489-J-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | ARSENIC       | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 3      | mg/kg |
| RY489-J      | 10FC-RY489-J-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | BARIUM        | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 89     | mg/kg |
| RY489-J      | 10FC-RY489-J-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | BERYLLIUM     | 0.50          | Y           | J             |              | J         | 0.50                | mg/kg | 0.12   | mg/kg |
| RY489-J      | 10FC-RY489-J-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | CADMIUM       | 0.50          | N           | U             |              | U         | 0.50                | mg/kg | 0.53   | mg/kg |
| RY489-J      | 10FC-RY489-J-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | CHROMIUM      | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 3.9    | mg/kg |
| RY489-J      | 10FC-RY489-J-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | COBALT        | 5.0           | Y           | J             |              | J         | 5.0                 | mg/kg | 3      | mg/kg |
| RY489-J      | 10FC-RY489-J-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | COPPER        | 2.5           | Y           |               |              |           | 2.5                 | mg/kg | 6.2    | mg/kg |
| RY489-J      | 10FC-RY489-J-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | VANADIUM      | 5.0           | Y           |               |              |           | 5.0                 | mg/kg | 5.3    | mg/kg |
| RY489-J      | 10FC-RY489-J-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | ZINC          | 6.0           | Y           |               |              |           | 6.0                 | mg/kg | 18.3   | mg/kg |
| RY489-J      | 10FC-RY489-J-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | CALCIUM       | 500           | Y           |               |              |           | 500                 | mg/kg | 10300  | mg/kg |
| RY489-J      | 10FC-RY489-J-002006 | 7/8/2010    | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | SELENIUM      | 3.5           | Y           | J             |              | J         | 3.5                 | mg/kg | 0.52   | mg/kg |
| RY489-J      | 10FC-RY489-J-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | ALUMINUM      | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 5850   | mg/kg |
| RY489-J      | 10FC-RY489-J-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | IRON          | 10.0          | Y           |               |              |           | 10.0                | mg/kg | 9280   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY489-J      | 10FC-RY489-J-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | LEAD          | 1.0                 | Y           | J+            | J+           |           | 1.0                 | mg/kg | 3.1    | mg/kg |
| RY489-J      | 10FC-RY489-J-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 4410   | mg/kg |
| RY489-J      | 10FC-RY489-J-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 255    | mg/kg |
| RY489-J      | 10FC-RY489-J-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | NICKEL        | 4.0                 | Y           |               |              |           | 4.0                 | mg/kg | 6.8    | mg/kg |
| RY489-J      | 10FC-RY489-J-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 986    | mg/kg |
| RY489-J      | 10FC-RY489-J-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | SILVER        | 1.0                 | N           | U             |              | U         | 1.0                 | mg/kg | 1.1    | mg/kg |
| RY489-J      | 10FC-RY489-J-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | SODIUM        | 500                 | Y           | J             | J            | J         | 500                 | mg/kg | 148    | mg/kg |
| RY489-J      | 10FC-RY489-J-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 2.6    | mg/kg |
| RY489-J      | 10FC-RY489-J-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | ANTIMONY      | 6.0                 | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 6.4    | mg/kg |
| RY489-J      | 10FC-RY489-J-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | ARSENIC       | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 5.7    | mg/kg |
| RY489-J      | 10FC-RY489-J-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | BARIUM        | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 106    | mg/kg |
| RY489-J      | 10FC-RY489-J-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | BERYLLIUM     | 0.50                | Y           | J             |              | J         | 0.50                | mg/kg | 0.14   | mg/kg |
| RY489-J      | 10FC-RY489-J-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | CADMIUM       | 0.50                | Y           | J             |              | J         | 0.50                | mg/kg | 0.024  | mg/kg |
| RY489-J      | 10FC-RY489-J-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | CHROMIUM      | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 4.2    | mg/kg |
| RY489-J      | 10FC-RY489-J-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | COBALT        | 5.0                 | Y           | J             |              | J         | 5.0                 | mg/kg | 4.7    | mg/kg |
| RY489-J      | 10FC-RY489-J-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 8.8    | mg/kg |
| RY489-J      | 10FC-RY489-J-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | VANADIUM      | 5.0                 | Y           | J             |              | J         | 5.0                 | mg/kg | 5      | mg/kg |
| RY489-J      | 10FC-RY489-J-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 18.6   | mg/kg |
| RY489-J      | 10FC-RY489-J-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 16600  | mg/kg |
| RY489-J      | 10FC-RY489-J-006012 | 7/8/2010    | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.79   | mg/kg |
| RY501-A      | 10FC-RY501-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | ALUMINUM      | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 15600  | mg/kg |
| RY501-A      | 10FC-RY501-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | IRON          | 10.0                | Y           |               |              |           | 10.0                | mg/kg | 10500  | mg/kg |
| RY501-A      | 10FC-RY501-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | LEAD          | 1.0                 | Y           | J+            | J+           |           | 1.0                 | mg/kg | 4.6    | mg/kg |
| RY501-A      | 10FC-RY501-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2590   | mg/kg |
| RY501-A      | 10FC-RY501-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 496    | mg/kg |
| RY501-A      | 10FC-RY501-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | NICKEL        | 4.0                 | Y           |               |              |           | 4.0                 | mg/kg | 5.1    | mg/kg |
| RY501-A      | 10FC-RY501-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | POTASSIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 1610   | mg/kg |
| RY501-A      | 10FC-RY501-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | SILVER        | 1.0                 | N           | U             |              | U         | 1.0                 | mg/kg | 1.2    | mg/kg |
| RY501-A      | 10FC-RY501-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | SODIUM        | 500                 | Y           | J             | J            | J         | 500                 | mg/kg | 237    | mg/kg |
| RY501-A      | 10FC-RY501-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | THALLIUM      | 2.5                 | N           | U             |              | U         | 2.5                 | mg/kg | 3.1    | mg/kg |
| RY501-A      | 10FC-RY501-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | ANTIMONY      | 6.0                 | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 7.4    | mg/kg |
| RY501-A      | 10FC-RY501-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | ARSENIC       | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 1.9    | mg/kg |
| RY501-A      | 10FC-RY501-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | BARIUM        | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 227    | mg/kg |
| RY501-A      | 10FC-RY501-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | BERYLLIUM     | 0.50                | Y           | J             |              | J         | 0.50                | mg/kg | 0.067  | mg/kg |
| RY501-A      | 10FC-RY501-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | CADMIUM       | 0.50                | N           | U             |              | U         | 0.50                | mg/kg | 0.62   | mg/kg |
| RY501-A      | 10FC-RY501-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | CHROMIUM      | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 5.4    | mg/kg |
| RY501-A      | 10FC-RY501-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | COBALT        | 5.0                 | Y           | J             |              | J         | 5.0                 | mg/kg | 3.4    | mg/kg |
| RY501-A      | 10FC-RY501-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 5.7    | mg/kg |
| RY501-A      | 10FC-RY501-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | VANADIUM      | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 12.1   | mg/kg |
| RY501-A      | 10FC-RY501-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 24.5   | mg/kg |
| RY501-A      | 10FC-RY501-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 2400   | mg/kg |
| RY501-A      | 10FC-RY501-A-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.82   | mg/kg |
| RY501-A      | 10FC-RY501-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | ALUMINUM      | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 13700  | mg/kg |
| RY501-A      | 10FC-RY501-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | IRON          | 10.0                | Y           |               |              |           | 10.0                | mg/kg | 11300  | mg/kg |
| RY501-A      | 10FC-RY501-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | LEAD          | 1.0                 | Y           | J+            | J+           |           | 1.0                 | mg/kg | 4      | mg/kg |
| RY501-A      | 10FC-RY501-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | MAGNESIUM     | 500                 | Y           |               |              |           | 500                 | mg/kg | 2920   | mg/kg |
| RY501-A      | 10FC-RY501-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | MANGANESE     | 1.5                 | Y           | J             | J            |           | 1.5                 | mg/kg | 236    | mg/kg |
| RY501-A      | 10FC-RY501-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | NICKEL        | 4.0                 | Y           |               |              |           | 4.0                 | mg/kg | 6.8    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY501-A      | 10FC-RY501-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | POTASSIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 1550   | mg/kg |
| RY501-A      | 10FC-RY501-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | SILVER        | 1.0           | N           | U             |              | U         | 1.0                 | mg/kg | 1.2    | mg/kg |
| RY501-A      | 10FC-RY501-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | SODIUM        | 500           | Y           | J             | J            | J         | 500                 | mg/kg | 221    | mg/kg |
| RY501-A      | 10FC-RY501-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 3.1    | mg/kg |
| RY501-A      | 10FC-RY501-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | ANTIMONY      | 6.0           | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 7.4    | mg/kg |
| RY501-A      | 10FC-RY501-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | ARSENIC       | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 2.2    | mg/kg |
| RY501-A      | 10FC-RY501-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | BARIUM        | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 129    | mg/kg |
| RY501-A      | 10FC-RY501-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | BERYLLIUM     | 0.50          | Y           | J             |              | J         | 0.50                | mg/kg | 0.095  | mg/kg |
| RY501-A      | 10FC-RY501-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | CADMIUM       | 0.50          | N           | U             |              | U         | 0.50                | mg/kg | 0.61   | mg/kg |
| RY501-A      | 10FC-RY501-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | CHROMIUM      | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 5.9    | mg/kg |
| RY501-A      | 10FC-RY501-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | COBALT        | 5.0           | Y           | J             |              | J         | 5.0                 | mg/kg | 4.2    | mg/kg |
| RY501-A      | 10FC-RY501-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | COPPER        | 2.5           | Y           |               |              |           | 2.5                 | mg/kg | 5.7    | mg/kg |
| RY501-A      | 10FC-RY501-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | VANADIUM      | 5.0           | Y           |               |              |           | 5.0                 | mg/kg | 11.6   | mg/kg |
| RY501-A      | 10FC-RY501-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | ZINC          | 6.0           | Y           |               |              |           | 6.0                 | mg/kg | 24.1   | mg/kg |
| RY501-A      | 10FC-RY501-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | CALCIUM       | 500           | Y           |               |              |           | 500                 | mg/kg | 1360   | mg/kg |
| RY501-A      | 10FC-RY501-A-002006 | 6/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/21/2010    | SELENIUM      | 3.5           | Y           | J             |              | J         | 3.5                 | mg/kg | 0.58   | mg/kg |
| RY501-A      | 10FC-RY501-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | ALUMINUM      | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 10700  | mg/kg |
| RY501-A      | 10FC-RY501-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | IRON          | 10.0          | Y           |               |              |           | 10.0                | mg/kg | 8760   | mg/kg |
| RY501-A      | 10FC-RY501-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | LEAD          | 1.0           | Y           | J+            | J+           |           | 1.0                 | mg/kg | 2.4    | mg/kg |
| RY501-A      | 10FC-RY501-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | MAGNESIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 2450   | mg/kg |
| RY501-A      | 10FC-RY501-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | MANGANESE     | 1.5           | Y           | J             | J            |           | 1.5                 | mg/kg | 218    | mg/kg |
| RY501-A      | 10FC-RY501-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | NICKEL        | 4.0           | Y           | J             |              | J         | 4.0                 | mg/kg | 4.7    | mg/kg |
| RY501-A      | 10FC-RY501-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | POTASSIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 1410   | mg/kg |
| RY501-A      | 10FC-RY501-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | SILVER        | 1.0           | N           | U             |              | U         | 1.0                 | mg/kg | 1.2    | mg/kg |
| RY501-A      | 10FC-RY501-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | SODIUM        | 500           | Y           | J             | J            | J         | 500                 | mg/kg | 170    | mg/kg |
| RY501-A      | 10FC-RY501-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 3.1    | mg/kg |
| RY501-A      | 10FC-RY501-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | ANTIMONY      | 6.0           | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 7.4    | mg/kg |
| RY501-A      | 10FC-RY501-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | ARSENIC       | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 2.8    | mg/kg |
| RY501-A      | 10FC-RY501-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | BARIUM        | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 104    | mg/kg |
| RY501-A      | 10FC-RY501-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | BERYLLIUM     | 0.50          | Y           | J             |              | J         | 0.50                | mg/kg | 0.062  | mg/kg |
| RY501-A      | 10FC-RY501-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | CADMIUM       | 0.50          | N           | U             |              | U         | 0.50                | mg/kg | 0.61   | mg/kg |
| RY501-A      | 10FC-RY501-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | CHROMIUM      | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 3.9    | mg/kg |
| RY501-A      | 10FC-RY501-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | COBALT        | 5.0           | Y           | J             |              | J         | 5.0                 | mg/kg | 3.4    | mg/kg |
| RY501-A      | 10FC-RY501-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | COPPER        | 2.5           | Y           |               |              |           | 2.5                 | mg/kg | 4.1    | mg/kg |
| RY501-A      | 10FC-RY501-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | VANADIUM      | 5.0           | Y           |               |              |           | 5.0                 | mg/kg | 8.5    | mg/kg |
| RY501-A      | 10FC-RY501-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | ZINC          | 6.0           | Y           |               |              |           | 6.0                 | mg/kg | 12.5   | mg/kg |
| RY501-A      | 10FC-RY501-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | CALCIUM       | 500           | Y           |               |              |           | 500                 | mg/kg | 1000   | mg/kg |
| RY501-A      | 10FC-RY501-A-006012 | 6/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/21/2010    | SELENIUM      | 3.5           | Y           | J             |              | J         | 3.5                 | mg/kg | 0.69   | mg/kg |
| RY501-B      | 10FC-RY501-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | ALUMINUM      | 20.0          | Y           |               |              |           | 20.0                | mg/kg | 4460   | mg/kg |
| RY501-B      | 10FC-RY501-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | IRON          | 10.0          | Y           |               |              |           | 10.0                | mg/kg | 5650   | mg/kg |
| RY501-B      | 10FC-RY501-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | LEAD          | 1.0           | Y           | J+            | J+           |           | 1.0                 | mg/kg | 6.3    | mg/kg |
| RY501-B      | 10FC-RY501-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | MAGNESIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 1880   | mg/kg |
| RY501-B      | 10FC-RY501-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | MANGANESE     | 1.5           | Y           | J             | J            |           | 1.5                 | mg/kg | 184    | mg/kg |
| RY501-B      | 10FC-RY501-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | NICKEL        | 4.0           | Y           | J             |              | J         | 4.0                 | mg/kg | 3.4    | mg/kg |
| RY501-B      | 10FC-RY501-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | POTASSIUM     | 500           | Y           |               |              |           | 500                 | mg/kg | 966    | mg/kg |
| RY501-B      | 10FC-RY501-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | SILVER        | 1.0           | N           | U             |              | U         | 1.0                 | mg/kg | 1.1    | mg/kg |
| RY501-B      | 10FC-RY501-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | SODIUM        | 500           | Y           | J             | J            | J         | 500                 | mg/kg | 104    | mg/kg |
| RY501-B      | 10FC-RY501-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | THALLIUM      | 2.5           | N           | U             |              | U         | 2.5                 | mg/kg | 2.7    | mg/kg |

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| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY501-B      | 10FC-RY501-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | ANTIMONY      | 6.0                 | N           | UJ            | UJ           | U         | 6.0                 | mg/kg | 6.6    | mg/kg |
| RY501-B      | 10FC-RY501-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | ARSENIC       | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 1.6    | mg/kg |
| RY501-B      | 10FC-RY501-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | BARIUM        | 20.0                | Y           |               |              |           | 20.0                | mg/kg | 63.2   | mg/kg |
| RY501-B      | 10FC-RY501-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | BERYLLIUM     | 0.50                | Y           | J             |              | J         | 0.50                | mg/kg | 0.023  | mg/kg |
| RY501-B      | 10FC-RY501-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | CADMIUM       | 0.50                | Y           | J             |              | J         | 0.50                | mg/kg | 0.02   | mg/kg |
| RY501-B      | 10FC-RY501-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | CHROMIUM      | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 4      | mg/kg |
| RY501-B      | 10FC-RY501-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | COBALT        | 5.0                 | Y           | J             |              | J         | 5.0                 | mg/kg | 2.2    | mg/kg |
| RY501-B      | 10FC-RY501-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | COPPER        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 4.6    | mg/kg |
| RY501-B      | 10FC-RY501-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | VANADIUM      | 5.0                 | Y           |               |              |           | 5.0                 | mg/kg | 6.3    | mg/kg |
| RY501-B      | 10FC-RY501-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | ZINC          | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 19.4   | mg/kg |
| RY501-B      | 10FC-RY501-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | CALCIUM       | 500                 | Y           |               |              |           | 500                 | mg/kg | 1390   | mg/kg |
| RY501-B      | 10FC-RY501-B-000002 | 6/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/21/2010    | SELENIUM      | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 0.4    | mg/kg |
| RY600-A      | 10FC-RY600-A-000002 | 8/10/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | ALUMINUM      | 16.8                | Y           |               |              |           | 16.8                | mg/kg | 6400   | mg/kg |
| RY600-A      | 10FC-RY600-A-000002 | 8/10/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | ANTIMONY      | 5.0                 | Y           | J             |              | J         | 5.0                 | mg/kg | 480    | mg/kg |
| RY600-A      | 10FC-RY600-A-000002 | 8/10/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | ARSENIC       | 0.84                | Y           |               |              |           | 0.84                | mg/kg | 415    | mg/kg |
| RY600-A      | 10FC-RY600-A-000002 | 8/10/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | BARIUM        | 16.8                | Y           |               |              |           | 16.8                | mg/kg | 106    | mg/kg |
| RY600-A      | 10FC-RY600-A-000002 | 8/10/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | BERYLLIUM     | 0.42                | Y           |               |              |           | 0.42                | mg/kg | 0.43   | mg/kg |
| RY600-A      | 10FC-RY600-A-000002 | 8/10/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | CADMIUM       | 0.42                | Y           | J             |              | J         | 0.42                | mg/kg | 6.1    | mg/kg |
| RY600-A      | 10FC-RY600-A-000002 | 8/10/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | CHROMIUM      | 0.84                | Y           |               |              |           | 0.84                | mg/kg | 6      | mg/kg |
| RY600-A      | 10FC-RY600-A-000002 | 8/10/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | COBALT        | 4.2                 | Y           |               |              |           | 4.2                 | mg/kg | 4.6    | mg/kg |
| RY600-A      | 10FC-RY600-A-000002 | 8/10/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | COPPER        | 2.1                 | Y           | J             |              | J         | 2.1                 | mg/kg | 26.9   | mg/kg |
| RY600-A      | 10FC-RY600-A-000002 | 8/10/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | CALCIUM       | 420                 | Y           | J             |              | J         | 420                 | mg/kg | 2670   | mg/kg |
| RY600-A      | 10FC-RY600-A-000002 | 8/10/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | IRON          | 84.0                | Y           | J             |              | J         | 84.0                | mg/kg | 29700  | mg/kg |
| RY600-A      | 10FC-RY600-A-000002 | 8/10/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | LEAD          | 0.84                | Y           | J             |              | J         | 0.84                | mg/kg | 3340   | mg/kg |
| RY600-A      | 10FC-RY600-A-000002 | 8/10/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 420                 | Y           |               |              |           | 420                 | mg/kg | 2620   | mg/kg |
| RY600-A      | 10FC-RY600-A-000002 | 8/10/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | MANGANESE     | 1.3                 | Y           | J             |              | J         | 1.3                 | mg/kg | 1220   | mg/kg |
| RY600-A      | 10FC-RY600-A-000002 | 8/10/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | NICKEL        | 3.4                 | Y           |               |              |           | 3.4                 | mg/kg | 5.9    | mg/kg |
| RY600-A      | 10FC-RY600-A-000002 | 8/10/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | POTASSIUM     | 420                 | Y           |               |              |           | 420                 | mg/kg | 1170   | mg/kg |
| RY600-A      | 10FC-RY600-A-000002 | 8/10/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | SILVER        | 0.84                | Y           |               |              |           | 0.84                | mg/kg | 21.8   | mg/kg |
| RY600-A      | 10FC-RY600-A-000002 | 8/10/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | SODIUM        | 420                 | Y           | J             |              | J         | 420                 | mg/kg | 282    | mg/kg |
| RY600-A      | 10FC-RY600-A-000002 | 8/10/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | THALLIUM      | 2.1                 | N           | U             |              | U         | 2.1                 | mg/kg | 2.1    | mg/kg |
| RY600-A      | 10FC-RY600-A-000002 | 8/10/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | VANADIUM      | 4.2                 | Y           |               |              |           | 4.2                 | mg/kg | 11.8   | mg/kg |
| RY600-A      | 10FC-RY600-A-000002 | 8/10/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | ZINC          | 5.0                 | Y           | J             |              | J         | 5.0                 | mg/kg | 1190   | mg/kg |
| RY600-A      | 10FC-RY600-A-000002 | 8/10/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | SELENIUM      | 2.9                 | Y           |               |              |           | 2.9                 | mg/kg | 3.6    | mg/kg |
| RY600-A      | 10FC-RY600-A-002006 | 8/10/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | ALUMINUM      | 14.7                | Y           |               |              |           | 14.7                | mg/kg | 7530   | mg/kg |
| RY600-A      | 10FC-RY600-A-002006 | 8/10/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | IRON          | 7.3                 | Y           | J             |              | J         | 7.3                 | mg/kg | 17000  | mg/kg |
| RY600-A      | 10FC-RY600-A-002006 | 8/10/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | LEAD          | 0.73                | Y           | J             |              | J         | 0.73                | mg/kg | 1150   | mg/kg |
| RY600-A      | 10FC-RY600-A-002006 | 8/10/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | MAGNESIUM     | 366                 | Y           |               |              |           | 366                 | mg/kg | 2430   | mg/kg |
| RY600-A      | 10FC-RY600-A-002006 | 8/10/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | MANGANESE     | 1.1                 | Y           | J             |              | J         | 1.1                 | mg/kg | 803    | mg/kg |
| RY600-A      | 10FC-RY600-A-002006 | 8/10/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | NICKEL        | 2.9                 | Y           |               |              |           | 2.9                 | mg/kg | 6.4    | mg/kg |
| RY600-A      | 10FC-RY600-A-002006 | 8/10/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | POTASSIUM     | 366                 | Y           |               |              |           | 366                 | mg/kg | 1070   | mg/kg |
| RY600-A      | 10FC-RY600-A-002006 | 8/10/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | SILVER        | 0.73                | Y           |               |              |           | 0.73                | mg/kg | 6.1    | mg/kg |
| RY600-A      | 10FC-RY600-A-002006 | 8/10/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | SODIUM        | 366                 | Y           | J             |              | J         | 366                 | mg/kg | 211    | mg/kg |
| RY600-A      | 10FC-RY600-A-002006 | 8/10/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | THALLIUM      | 1.8                 | N           | U             |              | U         | 1.8                 | mg/kg | 1.8    | mg/kg |
| RY600-A      | 10FC-RY600-A-002006 | 8/10/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | ANTIMONY      | 4.4                 | Y           | J             |              | J         | 4.4                 | mg/kg | 125    | mg/kg |
| RY600-A      | 10FC-RY600-A-002006 | 8/10/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | ARSENIC       | 0.73                | Y           |               |              |           | 0.73                | mg/kg | 491    | mg/kg |
| RY600-A      | 10FC-RY600-A-002006 | 8/10/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | BARIUM        | 14.7                | Y           |               |              |           | 14.7                | mg/kg | 124    | mg/kg |
| RY600-A      | 10FC-RY600-A-002006 | 8/10/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | BERYLLIUM     | 0.37                | Y           |               |              |           | 0.37                | mg/kg | 0.42   | mg/kg |

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| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | result | unit        |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|--------|-------------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |        |             |
| RY600-A      | 10FC-RY600-A-002006 | 8/10/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | CADMIUM       | 0.37          | Y           | J             | J            |           | 0.37          | mg/kg  | 9.3 mg/kg   |
| RY600-A      | 10FC-RY600-A-002006 | 8/10/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | CHROMIUM      | 0.73          | Y           |               |              |           | 0.73          | mg/kg  | 5.7 mg/kg   |
| RY600-A      | 10FC-RY600-A-002006 | 8/10/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | COBALT        | 3.7           | Y           |               |              |           | 3.7           | mg/kg  | 4.7 mg/kg   |
| RY600-A      | 10FC-RY600-A-002006 | 8/10/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | COPPER        | 1.8           | Y           | J             | J            |           | 1.8           | mg/kg  | 15.7 mg/kg  |
| RY600-A      | 10FC-RY600-A-002006 | 8/10/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | VANADIUM      | 3.7           | Y           |               |              |           | 3.7           | mg/kg  | 12.4 mg/kg  |
| RY600-A      | 10FC-RY600-A-002006 | 8/10/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | ZINC          | 4.4           | Y           | J             | J            |           | 4.4           | mg/kg  | 1250 mg/kg  |
| RY600-A      | 10FC-RY600-A-002006 | 8/10/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | CALCIUM       | 366           | Y           | J             | J            |           | 366           | mg/kg  | 2040 mg/kg  |
| RY600-A      | 10FC-RY600-A-002006 | 8/10/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | SELENIUM      | 2.6           | Y           | J             |              | J         | 2.6           | mg/kg  | 2.2 mg/kg   |
| RY600-A      | 10FC-RY600-A-006012 | 8/10/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | ALUMINUM      | 15.3          | Y           |               |              |           | 15.3          | mg/kg  | 7040 mg/kg  |
| RY600-A      | 10FC-RY600-A-006012 | 8/10/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | IRON          | 7.7           | Y           | J             | J            |           | 7.7           | mg/kg  | 19900 mg/kg |
| RY600-A      | 10FC-RY600-A-006012 | 8/10/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | LEAD          | 7.7           | Y           | J             | J            |           | 7.7           | mg/kg  | 17800 mg/kg |
| RY600-A      | 10FC-RY600-A-006012 | 8/10/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 384           | Y           |               |              |           | 384           | mg/kg  | 2400 mg/kg  |
| RY600-A      | 10FC-RY600-A-006012 | 8/10/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | MANGANESE     | 1.2           | Y           | J             | J            |           | 1.2           | mg/kg  | 853 mg/kg   |
| RY600-A      | 10FC-RY600-A-006012 | 8/10/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | NICKEL        | 3.1           | Y           |               |              |           | 3.1           | mg/kg  | 6.9 mg/kg   |
| RY600-A      | 10FC-RY600-A-006012 | 8/10/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | POTASSIUM     | 384           | Y           |               |              |           | 384           | mg/kg  | 957 mg/kg   |
| RY600-A      | 10FC-RY600-A-006012 | 8/10/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SILVER        | 0.77          | Y           |               |              |           | 0.77          | mg/kg  | 125 mg/kg   |
| RY600-A      | 10FC-RY600-A-006012 | 8/10/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SODIUM        | 384           | Y           | J             |              | J         | 384           | mg/kg  | 202 mg/kg   |
| RY600-A      | 10FC-RY600-A-006012 | 8/10/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | THALLIUM      | 1.9           | N           | U             |              | U         | 1.9           | mg/kg  | 1.9 mg/kg   |
| RY600-A      | 10FC-RY600-A-006012 | 8/10/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | ANTIMONY      | 46.0          | Y           | J             | J            |           | 46.0          | mg/kg  | 996 mg/kg   |
| RY600-A      | 10FC-RY600-A-006012 | 8/10/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | ARSENIC       | 0.77          | Y           |               |              |           | 0.77          | mg/kg  | 153 mg/kg   |
| RY600-A      | 10FC-RY600-A-006012 | 8/10/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | BARIUM        | 15.3          | Y           |               |              |           | 15.3          | mg/kg  | 122 mg/kg   |
| RY600-A      | 10FC-RY600-A-006012 | 8/10/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | BERYLLIUM     | 0.38          | Y           | J             |              | J         | 0.38          | mg/kg  | 0.38 mg/kg  |
| RY600-A      | 10FC-RY600-A-006012 | 8/10/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CADMIUM       | 0.38          | Y           | J             | J            |           | 0.38          | mg/kg  | 43.5 mg/kg  |
| RY600-A      | 10FC-RY600-A-006012 | 8/10/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CHROMIUM      | 0.77          | Y           |               |              |           | 0.77          | mg/kg  | 5.7 mg/kg   |
| RY600-A      | 10FC-RY600-A-006012 | 8/10/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | COBALT        | 3.8           | Y           |               |              |           | 3.8           | mg/kg  | 4.8 mg/kg   |
| RY600-A      | 10FC-RY600-A-006012 | 8/10/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | COPPER        | 1.9           | Y           | J             | J            |           | 1.9           | mg/kg  | 118 mg/kg   |
| RY600-A      | 10FC-RY600-A-006012 | 8/10/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | VANADIUM      | 3.8           | Y           |               |              |           | 3.8           | mg/kg  | 11.7 mg/kg  |
| RY600-A      | 10FC-RY600-A-006012 | 8/10/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | ZINC          | 46.0          | Y           | J             | J            |           | 46.0          | mg/kg  | 6600 mg/kg  |
| RY600-A      | 10FC-RY600-A-006012 | 8/10/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CALCIUM       | 384           | Y           | J             | J            |           | 384           | mg/kg  | 2410 mg/kg  |
| RY600-A      | 10FC-RY600-A-006012 | 8/10/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SELENIUM      | 2.7           | Y           | J             |              | J         | 2.7           | mg/kg  | 2.5 mg/kg   |
| RY616-A      | 10FC-RY616-A-002006 | 8/12/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | ALUMINUM      | 24.2          | Y           |               |              |           | 24.2          | mg/kg  | 4730 mg/kg  |
| RY616-A      | 10FC-RY616-A-002006 | 8/12/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | IRON          | 12.1          | Y           | J             | J            |           | 12.1          | mg/kg  | 13300 mg/kg |
| RY616-A      | 10FC-RY616-A-002006 | 8/12/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | LEAD          | 1.2           | Y           | J             | J            |           | 1.2           | mg/kg  | 867 mg/kg   |
| RY616-A      | 10FC-RY616-A-002006 | 8/12/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | MAGNESIUM     | 604           | Y           |               |              |           | 604           | mg/kg  | 3130 mg/kg  |
| RY616-A      | 10FC-RY616-A-002006 | 8/12/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | MANGANESE     | 1.8           | Y           | J             | J            |           | 1.8           | mg/kg  | 490 mg/kg   |
| RY616-A      | 10FC-RY616-A-002006 | 8/12/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | NICKEL        | 4.8           | Y           |               |              |           | 4.8           | mg/kg  | 6 mg/kg     |
| RY616-A      | 10FC-RY616-A-002006 | 8/12/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | POTASSIUM     | 604           | Y           |               |              |           | 604           | mg/kg  | 956 mg/kg   |
| RY616-A      | 10FC-RY616-A-002006 | 8/12/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | SILVER        | 1.2           | Y           |               |              |           | 1.2           | mg/kg  | 5.1 mg/kg   |
| RY616-A      | 10FC-RY616-A-002006 | 8/12/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | SODIUM        | 604           | Y           | J             |              | J         | 604           | mg/kg  | 183 mg/kg   |
| RY616-A      | 10FC-RY616-A-002006 | 8/12/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | THALLIUM      | 3.0           | N           | U             |              | U         | 3.0           | mg/kg  | 3 mg/kg     |
| RY616-A      | 10FC-RY616-A-002006 | 8/12/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | ANTIMONY      | 7.2           | Y           | J             | J            |           | 7.2           | mg/kg  | 90.2 mg/kg  |
| RY616-A      | 10FC-RY616-A-002006 | 8/12/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | ARSENIC       | 1.2           | Y           |               |              |           | 1.2           | mg/kg  | 332 mg/kg   |
| RY616-A      | 10FC-RY616-A-002006 | 8/12/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | BARIUM        | 24.2          | Y           |               |              |           | 24.2          | mg/kg  | 78.6 mg/kg  |
| RY616-A      | 10FC-RY616-A-002006 | 8/12/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | BERYLLIUM     | 0.60          | Y           | J             |              | J         | 0.60          | mg/kg  | 0.28 mg/kg  |
| RY616-A      | 10FC-RY616-A-002006 | 8/12/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | CADMIUM       | 0.60          | Y           | J             | J            |           | 0.60          | mg/kg  | 2.9 mg/kg   |
| RY616-A      | 10FC-RY616-A-002006 | 8/12/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | CHROMIUM      | 1.2           | Y           |               |              |           | 1.2           | mg/kg  | 6.4 mg/kg   |
| RY616-A      | 10FC-RY616-A-002006 | 8/12/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | COBALT        | 6.0           | Y           | J             |              | J         | 6.0           | mg/kg  | 4.2 mg/kg   |
| RY616-A      | 10FC-RY616-A-002006 | 8/12/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | COPPER        | 3.0           | Y           | J             | J            |           | 3.0           | mg/kg  | 13 mg/kg    |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY616-A      | 10FC-RY616-A-002006 | 8/12/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | VANADIUM      | 6.0                 | Y           |               |              |           | 6.0                 | mg/kg | 9.6    | mg/kg |
| RY616-A      | 10FC-RY616-A-002006 | 8/12/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | ZINC          | 7.2                 | Y           | J             | J            |           | 7.2                 | mg/kg | 512    | mg/kg |
| RY616-A      | 10FC-RY616-A-002006 | 8/12/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | CALCIUM       | 604                 | Y           | J             | J            |           | 604                 | mg/kg | 8840   | mg/kg |
| RY616-A      | 10FC-RY616-A-002006 | 8/12/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | SELENIUM      | 4.2                 | Y           | J             |              | J         | 4.2                 | mg/kg | 1.9    | mg/kg |
| RY618-D      | 10FC-RY618-D-006102 | 8/12/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | ALUMINUM      | 14.0                | Y           |               |              |           | 14.0                | mg/kg | 4230   | mg/kg |
| RY618-D      | 10FC-RY618-D-006102 | 8/12/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | IRON          | 7.0                 | Y           | J             | J            |           | 7.0                 | mg/kg | 8750   | mg/kg |
| RY618-D      | 10FC-RY618-D-006102 | 8/12/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | LEAD          | 0.70                | Y           | J             | J            |           | 0.70                | mg/kg | 53.9   | mg/kg |
| RY618-D      | 10FC-RY618-D-006102 | 8/12/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | MAGNESIUM     | 350                 | Y           |               |              |           | 350                 | mg/kg | 2900   | mg/kg |
| RY618-D      | 10FC-RY618-D-006102 | 8/12/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | MANGANESE     | 1.1                 | Y           | J             | J            |           | 1.1                 | mg/kg | 232    | mg/kg |
| RY618-D      | 10FC-RY618-D-006102 | 8/12/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | NICKEL        | 2.8                 | Y           |               |              |           | 2.8                 | mg/kg | 5.9    | mg/kg |
| RY618-D      | 10FC-RY618-D-006102 | 8/12/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | POTASSIUM     | 350                 | Y           |               |              |           | 350                 | mg/kg | 743    | mg/kg |
| RY618-D      | 10FC-RY618-D-006102 | 8/12/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | SILVER        | 0.70                | N           | U             |              | U         | 0.70                | mg/kg | 0.7    | mg/kg |
| RY618-D      | 10FC-RY618-D-006102 | 8/12/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | SODIUM        | 350                 | Y           | J             |              | J         | 350                 | mg/kg | 196    | mg/kg |
| RY618-D      | 10FC-RY618-D-006102 | 8/12/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | THALLIUM      | 1.8                 | N           | U             |              | U         | 1.8                 | mg/kg | 1.8    | mg/kg |
| RY618-D      | 10FC-RY618-D-006102 | 8/12/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | ANTIMONY      | 4.2                 | Y           | J             | J            | J         | 4.2                 | mg/kg | 0.5    | mg/kg |
| RY618-D      | 10FC-RY618-D-006102 | 8/12/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | ARSENIC       | 0.70                | Y           |               |              |           | 0.70                | mg/kg | 3.1    | mg/kg |
| RY618-D      | 10FC-RY618-D-006102 | 8/12/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | BARIUM        | 14.0                | Y           |               |              |           | 14.0                | mg/kg | 70.2   | mg/kg |
| RY618-D      | 10FC-RY618-D-006102 | 8/12/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | BERYLLIUM     | 0.35                | Y           | J             |              | J         | 0.35                | mg/kg | 0.32   | mg/kg |
| RY618-D      | 10FC-RY618-D-006102 | 8/12/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | CADMIUM       | 0.35                | Y           | J             | J            | J         | 0.35                | mg/kg | 0.13   | mg/kg |
| RY618-D      | 10FC-RY618-D-006102 | 8/12/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | CHROMIUM      | 0.70                | Y           |               |              |           | 0.70                | mg/kg | 12.3   | mg/kg |
| RY618-D      | 10FC-RY618-D-006102 | 8/12/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | COBALT        | 3.5                 | Y           | J             |              | J         | 3.5                 | mg/kg | 3.5    | mg/kg |
| RY618-D      | 10FC-RY618-D-006102 | 8/12/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | COPPER        | 1.8                 | Y           | J             | J            |           | 1.8                 | mg/kg | 10.5   | mg/kg |
| RY618-D      | 10FC-RY618-D-006102 | 8/12/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | VANADIUM      | 3.5                 | Y           |               |              |           | 3.5                 | mg/kg | 8.5    | mg/kg |
| RY618-D      | 10FC-RY618-D-006102 | 8/12/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | ZINC          | 4.2                 | Y           | J             | J            |           | 4.2                 | mg/kg | 34.7   | mg/kg |
| RY618-D      | 10FC-RY618-D-006102 | 8/12/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | CALCIUM       | 350                 | Y           | J             | J            |           | 350                 | mg/kg | 1750   | mg/kg |
| RY618-D      | 10FC-RY618-D-006102 | 8/12/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | SELENIUM      | 2.5                 | Y           | J             |              | J         | 2.5                 | mg/kg | 1.3    | mg/kg |
| RY623-A      | 10FC-RY623-A-000002 | 8/16/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | ALUMINUM      | 15.6                | Y           |               |              |           | 15.6                | mg/kg | 6160   | mg/kg |
| RY623-A      | 10FC-RY623-A-000002 | 8/16/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | IRON          | 7.8                 | Y           | J             | J            |           | 7.8                 | mg/kg | 10200  | mg/kg |
| RY623-A      | 10FC-RY623-A-000002 | 8/16/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | LEAD          | 0.78                | Y           | J             | J            |           | 0.78                | mg/kg | 219    | mg/kg |
| RY623-A      | 10FC-RY623-A-000002 | 8/16/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | MAGNESIUM     | 389                 | Y           |               |              |           | 389                 | mg/kg | 2760   | mg/kg |
| RY623-A      | 10FC-RY623-A-000002 | 8/16/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | MANGANESE     | 1.2                 | Y           | J             | J            |           | 1.2                 | mg/kg | 367    | mg/kg |
| RY623-A      | 10FC-RY623-A-000002 | 8/16/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | NICKEL        | 3.1                 | Y           |               |              |           | 3.1                 | mg/kg | 6.9    | mg/kg |
| RY623-A      | 10FC-RY623-A-000002 | 8/16/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | POTASSIUM     | 389                 | Y           |               |              |           | 389                 | mg/kg | 1160   | mg/kg |
| RY623-A      | 10FC-RY623-A-000002 | 8/16/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | SILVER        | 0.78                | N           | U             |              | U         | 0.78                | mg/kg | 0.78   | mg/kg |
| RY623-A      | 10FC-RY623-A-000002 | 8/16/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | SODIUM        | 389                 | Y           | J             |              | J         | 389                 | mg/kg | 181    | mg/kg |
| RY623-A      | 10FC-RY623-A-000002 | 8/16/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | THALLIUM      | 1.9                 | N           | U             |              | U         | 1.9                 | mg/kg | 1.9    | mg/kg |
| RY623-A      | 10FC-RY623-A-000002 | 8/16/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | ANTIMONY      | 4.7                 | Y           | J             | J            | J         | 4.7                 | mg/kg | 1.3    | mg/kg |
| RY623-A      | 10FC-RY623-A-000002 | 8/16/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | ARSENIC       | 0.78                | Y           |               |              |           | 0.78                | mg/kg | 4.5    | mg/kg |
| RY623-A      | 10FC-RY623-A-000002 | 8/16/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | BARIUM        | 15.6                | Y           |               |              |           | 15.6                | mg/kg | 124    | mg/kg |
| RY623-A      | 10FC-RY623-A-000002 | 8/16/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | BERYLLIUM     | 0.39                | Y           | J             |              | J         | 0.39                | mg/kg | 0.36   | mg/kg |
| RY623-A      | 10FC-RY623-A-000002 | 8/16/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | CADMIUM       | 0.39                | Y           | J             | J            | J         | 0.39                | mg/kg | 0.15   | mg/kg |
| RY623-A      | 10FC-RY623-A-000002 | 8/16/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | CHROMIUM      | 0.78                | Y           |               |              |           | 0.78                | mg/kg | 8.4    | mg/kg |
| RY623-A      | 10FC-RY623-A-000002 | 8/16/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | COBALT        | 3.9                 | Y           |               |              |           | 3.9                 | mg/kg | 4.6    | mg/kg |
| RY623-A      | 10FC-RY623-A-000002 | 8/16/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | COPPER        | 1.9                 | Y           | J             | J            |           | 1.9                 | mg/kg | 11.2   | mg/kg |
| RY623-A      | 10FC-RY623-A-000002 | 8/16/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | VANADIUM      | 3.9                 | Y           |               |              |           | 3.9                 | mg/kg | 13.6   | mg/kg |
| RY623-A      | 10FC-RY623-A-000002 | 8/16/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | ZINC          | 4.7                 | Y           | J             | J            |           | 4.7                 | mg/kg | 66.4   | mg/kg |
| RY623-A      | 10FC-RY623-A-000002 | 8/16/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | CALCIUM       | 389                 | Y           | J             | J            |           | 389                 | mg/kg | 4980   | mg/kg |
| RY623-A      | 10FC-RY623-A-000002 | 8/16/2010   | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | SELENIUM      | 2.7                 | Y           | J             |              | J         | 2.7                 | mg/kg | 1.3    | mg/kg |

## Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | result | unit        |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|--------|-------------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |        |             |
| RY623-A      | 10FC-RY623-A-002006 | 8/16/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | ALUMINUM      | 15.2          | Y           |               |              |           | 15.2          | mg/kg  | 6620 mg/kg  |
| RY623-A      | 10FC-RY623-A-002006 | 8/16/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | IRON          | 7.6           | Y           | J             | J            |           | 7.6           | mg/kg  | 10700 mg/kg |
| RY623-A      | 10FC-RY623-A-002006 | 8/16/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | LEAD          | 0.76          | Y           | J             | J            |           | 0.76          | mg/kg  | 126 mg/kg   |
| RY623-A      | 10FC-RY623-A-002006 | 8/16/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | MAGNESIUM     | 379           | Y           |               |              |           | 379           | mg/kg  | 2870 mg/kg  |
| RY623-A      | 10FC-RY623-A-002006 | 8/16/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | MANGANESE     | 1.1           | Y           | J             | J            |           | 1.1           | mg/kg  | 372 mg/kg   |
| RY623-A      | 10FC-RY623-A-002006 | 8/16/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | NICKEL        | 3.0           | Y           |               |              |           | 3.0           | mg/kg  | 6.9 mg/kg   |
| RY623-A      | 10FC-RY623-A-002006 | 8/16/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | POTASSIUM     | 379           | Y           |               |              |           | 379           | mg/kg  | 1140 mg/kg  |
| RY623-A      | 10FC-RY623-A-002006 | 8/16/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | SILVER        | 0.76          | N           | U             |              | U         | 0.76          | mg/kg  | 0.76 mg/kg  |
| RY623-A      | 10FC-RY623-A-002006 | 8/16/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | SODIUM        | 379           | Y           | J             |              | J         | 379           | mg/kg  | 189 mg/kg   |
| RY623-A      | 10FC-RY623-A-002006 | 8/16/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | THALLIUM      | 1.9           | N           | U             |              | U         | 1.9           | mg/kg  | 1.9 mg/kg   |
| RY623-A      | 10FC-RY623-A-002006 | 8/16/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | ANTIMONY      | 4.6           | Y           | J             | J            | J         | 4.6           | mg/kg  | 1.5 mg/kg   |
| RY623-A      | 10FC-RY623-A-002006 | 8/16/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | ARSENIC       | 0.76          | Y           |               |              |           | 0.76          | mg/kg  | 5.2 mg/kg   |
| RY623-A      | 10FC-RY623-A-002006 | 8/16/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | BARIUM        | 15.2          | Y           |               |              |           | 15.2          | mg/kg  | 138 mg/kg   |
| RY623-A      | 10FC-RY623-A-002006 | 8/16/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | BERYLLIUM     | 0.38          | Y           |               |              |           | 0.38          | mg/kg  | 0.38 mg/kg  |
| RY623-A      | 10FC-RY623-A-002006 | 8/16/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | CADMIUM       | 0.38          | Y           | J             | J            | J         | 0.38          | mg/kg  | 0.18 mg/kg  |
| RY623-A      | 10FC-RY623-A-002006 | 8/16/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | CHROMIUM      | 0.76          | Y           |               |              |           | 0.76          | mg/kg  | 7.5 mg/kg   |
| RY623-A      | 10FC-RY623-A-002006 | 8/16/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | COBALT        | 3.8           | Y           |               |              |           | 3.8           | mg/kg  | 4.9 mg/kg   |
| RY623-A      | 10FC-RY623-A-002006 | 8/16/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | COPPER        | 1.9           | Y           | J             | J            |           | 1.9           | mg/kg  | 11.6 mg/kg  |
| RY623-A      | 10FC-RY623-A-002006 | 8/16/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | VANADIUM      | 3.8           | Y           |               |              |           | 3.8           | mg/kg  | 14.6 mg/kg  |
| RY623-A      | 10FC-RY623-A-002006 | 8/16/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | ZINC          | 4.6           | Y           | J             | J            |           | 4.6           | mg/kg  | 65.5 mg/kg  |
| RY623-A      | 10FC-RY623-A-002006 | 8/16/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | CALCIUM       | 379           | Y           | J             | J            |           | 379           | mg/kg  | 3900 mg/kg  |
| RY623-A      | 10FC-RY623-A-002006 | 8/16/2010   | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | SELENIUM      | 2.7           | Y           | J             |              | J         | 2.7           | mg/kg  | 1.6 mg/kg   |
| RY627-B      | 10FC-RY627-B-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | ALUMINUM      | 14.4          | Y           |               |              |           | 14.4          | mg/kg  | 3330 mg/kg  |
| RY627-B      | 10FC-RY627-B-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | IRON          | 71.9          | Y           | J             | J            |           | 71.9          | mg/kg  | 37900 mg/kg |
| RY627-B      | 10FC-RY627-B-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | LEAD          | 7.2           | Y           | J             | J            |           | 7.2           | mg/kg  | 6700 mg/kg  |
| RY627-B      | 10FC-RY627-B-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 359           | Y           |               |              |           | 359           | mg/kg  | 2960 mg/kg  |
| RY627-B      | 10FC-RY627-B-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | MANGANESE     | 1.1           | Y           | J             | J            |           | 1.1           | mg/kg  | 1370 mg/kg  |
| RY627-B      | 10FC-RY627-B-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | NICKEL        | 2.9           | Y           |               |              |           | 2.9           | mg/kg  | 6.2 mg/kg   |
| RY627-B      | 10FC-RY627-B-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | POTASSIUM     | 359           | Y           |               |              |           | 359           | mg/kg  | 488 mg/kg   |
| RY627-B      | 10FC-RY627-B-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | SILVER        | 0.72          | Y           |               |              |           | 0.72          | mg/kg  | 61.9 mg/kg  |
| RY627-B      | 10FC-RY627-B-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | SODIUM        | 359           | Y           | J             |              | J         | 359           | mg/kg  | 203 mg/kg   |
| RY627-B      | 10FC-RY627-B-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | THALLIUM      | 1.8           | N           | U             |              | U         | 1.8           | mg/kg  | 1.8 mg/kg   |
| RY627-B      | 10FC-RY627-B-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | ANTIMONY      | 43.1          | Y           | J             | J            |           | 43.1          | mg/kg  | 904 mg/kg   |
| RY627-B      | 10FC-RY627-B-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | ARSENIC       | 7.2           | Y           |               |              |           | 7.2           | mg/kg  | 2620 mg/kg  |
| RY627-B      | 10FC-RY627-B-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | BARIUM        | 14.4          | Y           |               |              |           | 14.4          | mg/kg  | 46.7 mg/kg  |
| RY627-B      | 10FC-RY627-B-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | BERYLLIUM     | 0.36          | Y           | J             |              | J         | 0.36          | mg/kg  | 0.35 mg/kg  |
| RY627-B      | 10FC-RY627-B-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | CADMIUM       | 0.36          | Y           | J             | J            |           | 0.36          | mg/kg  | 13.3 mg/kg  |
| RY627-B      | 10FC-RY627-B-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | CHROMIUM      | 0.72          | Y           |               |              |           | 0.72          | mg/kg  | 3 mg/kg     |
| RY627-B      | 10FC-RY627-B-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | COBALT        | 3.6           | Y           |               |              |           | 3.6           | mg/kg  | 4.4 mg/kg   |
| RY627-B      | 10FC-RY627-B-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | COPPER        | 1.8           | Y           | J             | J            |           | 1.8           | mg/kg  | 47.9 mg/kg  |
| RY627-B      | 10FC-RY627-B-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | VANADIUM      | 3.6           | Y           |               |              |           | 3.6           | mg/kg  | 6.1 mg/kg   |
| RY627-B      | 10FC-RY627-B-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | ZINC          | 4.3           | Y           | J             | J            |           | 4.3           | mg/kg  | 2060 mg/kg  |
| RY627-B      | 10FC-RY627-B-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | CALCIUM       | 359           | Y           | J             | J            |           | 359           | mg/kg  | 11200 mg/kg |
| RY627-B      | 10FC-RY627-B-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | SELENIUM      | 2.5           | Y           |               |              |           | 2.5           | mg/kg  | 4.3 mg/kg   |
| RY627-B      | 10FC-RY627-B-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | ALUMINUM      | 14.9          | Y           |               |              |           | 14.9          | mg/kg  | 6760 mg/kg  |
| RY627-B      | 10FC-RY627-B-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | ANTIMONY      | 4.5           | Y           | J             | J            |           | 4.5           | mg/kg  | 537 mg/kg   |
| RY627-B      | 10FC-RY627-B-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | IRON          | 74.6          | Y           | J             | J            |           | 74.6          | mg/kg  | 32300 mg/kg |
| RY627-B      | 10FC-RY627-B-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | LEAD          | 0.75          | Y           | J             | J            |           | 0.75          | mg/kg  | 3690 mg/kg  |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY627-B      | 10FC-RY627-B-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 373           | Y           |               |              |           | 373           | mg/kg | 2730   | mg/kg |
| RY627-B      | 10FC-RY627-B-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | MANGANESE     | 1.1           | Y           | J             | J            |           | 1.1           | mg/kg | 1130   | mg/kg |
| RY627-B      | 10FC-RY627-B-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | NICKEL        | 3.0           | Y           |               |              |           | 3.0           | mg/kg | 7.7    | mg/kg |
| RY627-B      | 10FC-RY627-B-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | POTASSIUM     | 373           | Y           |               |              |           | 373           | mg/kg | 623    | mg/kg |
| RY627-B      | 10FC-RY627-B-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | SILVER        | 0.75          | Y           |               |              |           | 0.75          | mg/kg | 30.9   | mg/kg |
| RY627-B      | 10FC-RY627-B-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | SODIUM        | 373           | Y           | J             |              | J         | 373           | mg/kg | 200    | mg/kg |
| RY627-B      | 10FC-RY627-B-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | THALLIUM      | 1.9           | N           | U             |              | U         | 1.9           | mg/kg | 1.9    | mg/kg |
| RY627-B      | 10FC-RY627-B-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | ARSENIC       | 7.5           | Y           |               |              |           | 7.5           | mg/kg | 985    | mg/kg |
| RY627-B      | 10FC-RY627-B-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | BARIUM        | 14.9          | Y           |               |              |           | 14.9          | mg/kg | 101    | mg/kg |
| RY627-B      | 10FC-RY627-B-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | BERYLLIUM     | 0.37          | Y           |               |              |           | 0.37          | mg/kg | 0.41   | mg/kg |
| RY627-B      | 10FC-RY627-B-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | CADMIUM       | 0.37          | Y           | J             | J            |           | 0.37          | mg/kg | 8      | mg/kg |
| RY627-B      | 10FC-RY627-B-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | CHROMIUM      | 0.75          | Y           |               |              |           | 0.75          | mg/kg | 4.1    | mg/kg |
| RY627-B      | 10FC-RY627-B-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | COBALT        | 3.7           | Y           |               |              |           | 3.7           | mg/kg | 5.6    | mg/kg |
| RY627-B      | 10FC-RY627-B-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | COPPER        | 1.9           | Y           | J             | J            |           | 1.9           | mg/kg | 37.7   | mg/kg |
| RY627-B      | 10FC-RY627-B-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | VANADIUM      | 3.7           | Y           |               |              |           | 3.7           | mg/kg | 9.6    | mg/kg |
| RY627-B      | 10FC-RY627-B-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | ZINC          | 4.5           | Y           | J             | J            |           | 4.5           | mg/kg | 1330   | mg/kg |
| RY627-B      | 10FC-RY627-B-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | CALCIUM       | 373           | Y           | J             | J            |           | 373           | mg/kg | 13000  | mg/kg |
| RY627-B      | 10FC-RY627-B-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | SELENIUM      | 2.6           | Y           |               |              |           | 2.6           | mg/kg | 3.7    | mg/kg |
| RY627-B      | 10FC-RY627-B-006012 | 8/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | ALUMINUM      | 14.7          | Y           |               |              |           | 14.7          | mg/kg | 6230   | mg/kg |
| RY627-B      | 10FC-RY627-B-006012 | 8/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | ANTIMONY      | 4.4           | Y           | J             | J            |           | 4.4           | mg/kg | 195    | mg/kg |
| RY627-B      | 10FC-RY627-B-006012 | 8/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | ARSENIC       | 0.73          | Y           |               |              |           | 0.73          | mg/kg | 311    | mg/kg |
| RY627-B      | 10FC-RY627-B-006012 | 8/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | BARIUM        | 14.7          | Y           |               |              |           | 14.7          | mg/kg | 87.5   | mg/kg |
| RY627-B      | 10FC-RY627-B-006012 | 8/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | BERYLLIUM     | 0.37          | Y           | J             |              | J         | 0.37          | mg/kg | 0.35   | mg/kg |
| RY627-B      | 10FC-RY627-B-006012 | 8/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | CADMIUM       | 0.37          | Y           | J             | J            |           | 0.37          | mg/kg | 4.7    | mg/kg |
| RY627-B      | 10FC-RY627-B-006012 | 8/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | IRON          | 7.3           | Y           | J             | J            |           | 7.3           | mg/kg | 20800  | mg/kg |
| RY627-B      | 10FC-RY627-B-006012 | 8/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | LEAD          | 0.73          | Y           | J             | J            |           | 0.73          | mg/kg | 1460   | mg/kg |
| RY627-B      | 10FC-RY627-B-006012 | 8/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 367           | Y           |               |              |           | 367           | mg/kg | 6150   | mg/kg |
| RY627-B      | 10FC-RY627-B-006012 | 8/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | MANGANESE     | 1.1           | Y           | J             | J            |           | 1.1           | mg/kg | 775    | mg/kg |
| RY627-B      | 10FC-RY627-B-006012 | 8/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | NICKEL        | 2.9           | Y           |               |              |           | 2.9           | mg/kg | 7.6    | mg/kg |
| RY627-B      | 10FC-RY627-B-006012 | 8/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | POTASSIUM     | 367           | Y           |               |              |           | 367           | mg/kg | 710    | mg/kg |
| RY627-B      | 10FC-RY627-B-006012 | 8/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SILVER        | 0.73          | Y           |               |              |           | 0.73          | mg/kg | 9.2    | mg/kg |
| RY627-B      | 10FC-RY627-B-006012 | 8/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SODIUM        | 367           | Y           | J             |              | J         | 367           | mg/kg | 185    | mg/kg |
| RY627-B      | 10FC-RY627-B-006012 | 8/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | THALLIUM      | 1.8           | N           | U             |              | U         | 1.8           | mg/kg | 1.8    | mg/kg |
| RY627-B      | 10FC-RY627-B-006012 | 8/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CHROMIUM      | 0.73          | Y           |               |              |           | 0.73          | mg/kg | 4.1    | mg/kg |
| RY627-B      | 10FC-RY627-B-006012 | 8/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | COBALT        | 3.7           | Y           |               |              |           | 3.7           | mg/kg | 5.2    | mg/kg |
| RY627-B      | 10FC-RY627-B-006012 | 8/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | COPPER        | 1.8           | Y           | J             | J            |           | 1.8           | mg/kg | 30.2   | mg/kg |
| RY627-B      | 10FC-RY627-B-006012 | 8/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | VANADIUM      | 3.7           | Y           |               |              |           | 3.7           | mg/kg | 9.2    | mg/kg |
| RY627-B      | 10FC-RY627-B-006012 | 8/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | ZINC          | 4.4           | Y           | J             | J            |           | 4.4           | mg/kg | 732    | mg/kg |
| RY627-B      | 10FC-RY627-B-006012 | 8/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CALCIUM       | 3670          | Y           | J             | J            |           | 3670          | mg/kg | 23300  | mg/kg |
| RY627-B      | 10FC-RY627-B-006012 | 8/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SELENIUM      | 2.6           | Y           |               |              |           | 2.6           | mg/kg | 2.7    | mg/kg |
| RY627-C      | 10FC-RY627-C-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | ALUMINUM      | 14.5          | Y           |               |              |           | 14.5          | mg/kg | 3570   | mg/kg |
| RY627-C      | 10FC-RY627-C-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | ANTIMONY      | 4.4           | Y           | J             | J            |           | 4.4           | mg/kg | 158    | mg/kg |
| RY627-C      | 10FC-RY627-C-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | ARSENIC       | 0.73          | Y           |               |              |           | 0.73          | mg/kg | 269    | mg/kg |
| RY627-C      | 10FC-RY627-C-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | BARIUM        | 14.5          | Y           |               |              |           | 14.5          | mg/kg | 50.2   | mg/kg |
| RY627-C      | 10FC-RY627-C-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | BERYLLIUM     | 0.36          | Y           | J             |              | J         | 0.36          | mg/kg | 0.31   | mg/kg |
| RY627-C      | 10FC-RY627-C-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | CADMIUM       | 0.36          | Y           | J             | J            |           | 0.36          | mg/kg | 6.8    | mg/kg |
| RY627-C      | 10FC-RY627-C-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | IRON          | 7.3           | Y           | J             | J            |           | 7.3           | mg/kg | 18400  | mg/kg |
| RY627-C      | 10FC-RY627-C-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | LEAD          | 0.73          | Y           | J             | J            |           | 0.73          | mg/kg | 1270   | mg/kg |



Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY627-C      | 10FC-RY627-C-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 363                 | Y           |               |              |           | 363                 | mg/kg | 7760   | mg/kg |
| RY627-C      | 10FC-RY627-C-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | MANGANESE     | 1.1                 | Y           | J             | J            |           | 1.1                 | mg/kg | 645    | mg/kg |
| RY627-C      | 10FC-RY627-C-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | NICKEL        | 2.9                 | Y           |               |              |           | 2.9                 | mg/kg | 8.8    | mg/kg |
| RY627-C      | 10FC-RY627-C-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | POTASSIUM     | 363                 | Y           |               |              |           | 363                 | mg/kg | 624    | mg/kg |
| RY627-C      | 10FC-RY627-C-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | SILVER        | 0.73                | Y           |               |              |           | 0.73                | mg/kg | 13.1   | mg/kg |
| RY627-C      | 10FC-RY627-C-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | SODIUM        | 363                 | Y           | J             |              | J         | 363                 | mg/kg | 212    | mg/kg |
| RY627-C      | 10FC-RY627-C-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | THALLIUM      | 1.8                 | N           | U             |              | U         | 1.8                 | mg/kg | 1.8    | mg/kg |
| RY627-C      | 10FC-RY627-C-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | CHROMIUM      | 0.73                | Y           |               |              |           | 0.73                | mg/kg | 4.4    | mg/kg |
| RY627-C      | 10FC-RY627-C-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | COBALT        | 3.6                 | Y           |               |              |           | 3.6                 | mg/kg | 5.8    | mg/kg |
| RY627-C      | 10FC-RY627-C-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | COPPER        | 1.8                 | Y           | J             | J            |           | 1.8                 | mg/kg | 39.7   | mg/kg |
| RY627-C      | 10FC-RY627-C-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | VANADIUM      | 3.6                 | Y           |               |              |           | 3.6                 | mg/kg | 6.8    | mg/kg |
| RY627-C      | 10FC-RY627-C-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | ZINC          | 4.4                 | Y           | J             | J            |           | 4.4                 | mg/kg | 1020   | mg/kg |
| RY627-C      | 10FC-RY627-C-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | CALCIUM       | 3630                | Y           | J             | J            |           | 3630                | mg/kg | 32300  | mg/kg |
| RY627-C      | 10FC-RY627-C-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | SELENIUM      | 2.5                 | Y           | J             |              | J         | 2.5                 | mg/kg | 2.5    | mg/kg |
| RY627-C      | 10FC-RY627-C-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | ALUMINUM      | 15.0                | Y           |               |              |           | 15.0                | mg/kg | 4240   | mg/kg |
| RY627-C      | 10FC-RY627-C-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | IRON          | 75.1                | Y           | J             | J            |           | 75.1                | mg/kg | 46700  | mg/kg |
| RY627-C      | 10FC-RY627-C-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | LEAD          | 7.5                 | Y           | J             | J            |           | 7.5                 | mg/kg | 5810   | mg/kg |
| RY627-C      | 10FC-RY627-C-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 376                 | Y           |               |              |           | 376                 | mg/kg | 2830   | mg/kg |
| RY627-C      | 10FC-RY627-C-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | MANGANESE     | 1.1                 | Y           | J             | J            |           | 1.1                 | mg/kg | 1980   | mg/kg |
| RY627-C      | 10FC-RY627-C-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | NICKEL        | 3.0                 | Y           |               |              |           | 3.0                 | mg/kg | 6.5    | mg/kg |
| RY627-C      | 10FC-RY627-C-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | POTASSIUM     | 376                 | Y           |               |              |           | 376                 | mg/kg | 505    | mg/kg |
| RY627-C      | 10FC-RY627-C-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | SILVER        | 0.75                | Y           |               |              |           | 0.75                | mg/kg | 42.6   | mg/kg |
| RY627-C      | 10FC-RY627-C-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | SODIUM        | 376                 | Y           | J             |              | J         | 376                 | mg/kg | 237    | mg/kg |
| RY627-C      | 10FC-RY627-C-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | THALLIUM      | 1.9                 | Y           | J             |              | J         | 1.9                 | mg/kg | 0.25   | mg/kg |
| RY627-C      | 10FC-RY627-C-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | ANTIMONY      | 45.1                | Y           | J             | J            |           | 45.1                | mg/kg | 932    | mg/kg |
| RY627-C      | 10FC-RY627-C-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | ARSENIC       | 7.5                 | Y           |               |              |           | 7.5                 | mg/kg | 1240   | mg/kg |
| RY627-C      | 10FC-RY627-C-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | BARIUM        | 15.0                | Y           |               |              |           | 15.0                | mg/kg | 55.8   | mg/kg |
| RY627-C      | 10FC-RY627-C-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | BERYLLIUM     | 0.38                | Y           |               |              |           | 0.38                | mg/kg | 0.42   | mg/kg |
| RY627-C      | 10FC-RY627-C-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | CADMIUM       | 0.38                | Y           | J             | J            |           | 0.38                | mg/kg | 16.5   | mg/kg |
| RY627-C      | 10FC-RY627-C-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | CHROMIUM      | 0.75                | Y           |               |              |           | 0.75                | mg/kg | 2.8    | mg/kg |
| RY627-C      | 10FC-RY627-C-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | COBALT        | 3.8                 | Y           |               |              |           | 3.8                 | mg/kg | 5.3    | mg/kg |
| RY627-C      | 10FC-RY627-C-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | COPPER        | 1.9                 | Y           | J             | J            |           | 1.9                 | mg/kg | 47.8   | mg/kg |
| RY627-C      | 10FC-RY627-C-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | VANADIUM      | 3.8                 | Y           |               |              |           | 3.8                 | mg/kg | 7.3    | mg/kg |
| RY627-C      | 10FC-RY627-C-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | ZINC          | 45.1                | Y           | J             | J            |           | 45.1                | mg/kg | 2860   | mg/kg |
| RY627-C      | 10FC-RY627-C-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | CALCIUM       | 376                 | Y           | J             | J            |           | 376                 | mg/kg | 11700  | mg/kg |
| RY627-C      | 10FC-RY627-C-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | SELENIUM      | 2.6                 | Y           |               |              |           | 2.6                 | mg/kg | 5.3    | mg/kg |
| RY627-C      | 10FC-RY627-C-006012 | 8/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | ALUMINUM      | 15.1                | Y           |               |              |           | 15.1                | mg/kg | 9830   | mg/kg |
| RY627-C      | 10FC-RY627-C-006012 | 8/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | ANTIMONY      | 4.5                 | Y           | J             | J            |           | 4.5                 | mg/kg | 478    | mg/kg |
| RY627-C      | 10FC-RY627-C-006012 | 8/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | ARSENIC       | 0.75                | Y           |               |              |           | 0.75                | mg/kg | 555    | mg/kg |
| RY627-C      | 10FC-RY627-C-006012 | 8/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | BARIUM        | 15.1                | Y           |               |              |           | 15.1                | mg/kg | 134    | mg/kg |
| RY627-C      | 10FC-RY627-C-006012 | 8/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | BERYLLIUM     | 0.38                | Y           |               |              |           | 0.38                | mg/kg | 0.46   | mg/kg |
| RY627-C      | 10FC-RY627-C-006012 | 8/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | CADMIUM       | 0.38                | Y           | J             | J            |           | 0.38                | mg/kg | 9.5    | mg/kg |
| RY627-C      | 10FC-RY627-C-006012 | 8/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | CHROMIUM      | 0.75                | Y           |               |              |           | 0.75                | mg/kg | 5.5    | mg/kg |
| RY627-C      | 10FC-RY627-C-006012 | 8/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | COBALT        | 3.8                 | Y           |               |              |           | 3.8                 | mg/kg | 6.3    | mg/kg |
| RY627-C      | 10FC-RY627-C-006012 | 8/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | COPPER        | 1.9                 | Y           | J             | J            |           | 1.9                 | mg/kg | 31.8   | mg/kg |
| RY627-C      | 10FC-RY627-C-006012 | 8/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | CALCIUM       | 376                 | Y           | J             | J            |           | 376                 | mg/kg | 7710   | mg/kg |
| RY627-C      | 10FC-RY627-C-006012 | 8/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | IRON          | 75.3                | Y           | J             | J            |           | 75.3                | mg/kg | 29300  | mg/kg |
| RY627-C      | 10FC-RY627-C-006012 | 8/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | LEAD          | 0.75                | Y           | J             | J            |           | 0.75                | mg/kg | 2790   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY627-C      | 10FC-RY627-C-006012 | 8/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 376           | Y           |               |              |           | 376                 | mg/kg | 2800   | mg/kg |
| RY627-C      | 10FC-RY627-C-006012 | 8/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | MANGANESE     | 1.1           | Y           | J             | J            |           | 1.1                 | mg/kg | 1200   | mg/kg |
| RY627-C      | 10FC-RY627-C-006012 | 8/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | NICKEL        | 3.0           | Y           |               |              |           | 3.0                 | mg/kg | 7.7    | mg/kg |
| RY627-C      | 10FC-RY627-C-006012 | 8/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | POTASSIUM     | 376           | Y           |               |              |           | 376                 | mg/kg | 783    | mg/kg |
| RY627-C      | 10FC-RY627-C-006012 | 8/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SILVER        | 0.75          | Y           |               |              |           | 0.75                | mg/kg | 20     | mg/kg |
| RY627-C      | 10FC-RY627-C-006012 | 8/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SODIUM        | 376           | Y           | J             |              | J         | 376                 | mg/kg | 251    | mg/kg |
| RY627-C      | 10FC-RY627-C-006012 | 8/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | THALLIUM      | 1.9           | N           | U             |              | U         | 1.9                 | mg/kg | 1.9    | mg/kg |
| RY627-C      | 10FC-RY627-C-006012 | 8/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | VANADIUM      | 3.8           | Y           |               |              |           | 3.8                 | mg/kg | 14.5   | mg/kg |
| RY627-C      | 10FC-RY627-C-006012 | 8/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | ZINC          | 4.5           | Y           | J             | J            |           | 4.5                 | mg/kg | 1270   | mg/kg |
| RY627-C      | 10FC-RY627-C-006012 | 8/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SELENIUM      | 2.6           | Y           |               |              |           | 2.6                 | mg/kg | 3.7    | mg/kg |
| RY627-D      | 10FC-RY627-D-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | ALUMINUM      | 15.4          | Y           |               |              |           | 15.4                | mg/kg | 5180   | mg/kg |
| RY627-D      | 10FC-RY627-D-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | IRON          | 7.7           | Y           | J             | J            |           | 7.7                 | mg/kg | 11600  | mg/kg |
| RY627-D      | 10FC-RY627-D-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | LEAD          | 0.77          | Y           | J             | J            |           | 0.77                | mg/kg | 174    | mg/kg |
| RY627-D      | 10FC-RY627-D-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | MAGNESIUM     | 386           | Y           |               |              |           | 386                 | mg/kg | 5240   | mg/kg |
| RY627-D      | 10FC-RY627-D-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | MANGANESE     | 1.2           | Y           | J             | J            |           | 1.2                 | mg/kg | 389    | mg/kg |
| RY627-D      | 10FC-RY627-D-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | NICKEL        | 3.1           | Y           |               |              |           | 3.1                 | mg/kg | 9.5    | mg/kg |
| RY627-D      | 10FC-RY627-D-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | POTASSIUM     | 386           | Y           |               |              |           | 386                 | mg/kg | 881    | mg/kg |
| RY627-D      | 10FC-RY627-D-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | SILVER        | 0.77          | N           | U             |              | U         | 0.77                | mg/kg | 0.77   | mg/kg |
| RY627-D      | 10FC-RY627-D-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | SODIUM        | 386           | Y           | J             |              | J         | 386                 | mg/kg | 197    | mg/kg |
| RY627-D      | 10FC-RY627-D-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | THALLIUM      | 1.9           | N           | U             |              | U         | 1.9                 | mg/kg | 1.9    | mg/kg |
| RY627-D      | 10FC-RY627-D-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | ANTIMONY      | 4.6           | Y           | J             | J            |           | 4.6                 | mg/kg | 14.6   | mg/kg |
| RY627-D      | 10FC-RY627-D-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | ARSENIC       | 0.77          | Y           |               |              |           | 0.77                | mg/kg | 34.4   | mg/kg |
| RY627-D      | 10FC-RY627-D-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | BARIUM        | 15.4          | Y           |               |              |           | 15.4                | mg/kg | 92.5   | mg/kg |
| RY627-D      | 10FC-RY627-D-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | BERYLLIUM     | 0.39          | Y           | J             |              | J         | 0.39                | mg/kg | 0.34   | mg/kg |
| RY627-D      | 10FC-RY627-D-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | CADMIUM       | 0.39          | Y           | J             | J            |           | 0.39                | mg/kg | 1.3    | mg/kg |
| RY627-D      | 10FC-RY627-D-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | CHROMIUM      | 0.77          | Y           |               |              |           | 0.77                | mg/kg | 8.9    | mg/kg |
| RY627-D      | 10FC-RY627-D-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | COBALT        | 3.9           | Y           |               |              |           | 3.9                 | mg/kg | 5.2    | mg/kg |
| RY627-D      | 10FC-RY627-D-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | COPPER        | 1.9           | Y           | J             | J            |           | 1.9                 | mg/kg | 29.8   | mg/kg |
| RY627-D      | 10FC-RY627-D-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | VANADIUM      | 3.9           | Y           |               |              |           | 3.9                 | mg/kg | 9.4    | mg/kg |
| RY627-D      | 10FC-RY627-D-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | ZINC          | 4.6           | Y           | J             | J            |           | 4.6                 | mg/kg | 249    | mg/kg |
| RY627-D      | 10FC-RY627-D-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | CALCIUM       | 386           | Y           | J             | J            |           | 386                 | mg/kg | 12900  | mg/kg |
| RY627-D      | 10FC-RY627-D-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | SELENIUM      | 2.7           | Y           | J             |              | J         | 2.7                 | mg/kg | 1.6    | mg/kg |
| RY627-D      | 10FC-RY627-D-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | ALUMINUM      | 14.8          | Y           |               |              |           | 14.8                | mg/kg | 3100   | mg/kg |
| RY627-D      | 10FC-RY627-D-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | IRON          | 74.2          | Y           | J             | J            |           | 74.2                | mg/kg | 51600  | mg/kg |
| RY627-D      | 10FC-RY627-D-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | LEAD          | 7.4           | Y           | J             | J            |           | 7.4                 | mg/kg | 6000   | mg/kg |
| RY627-D      | 10FC-RY627-D-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 371           | Y           |               |              |           | 371                 | mg/kg | 2180   | mg/kg |
| RY627-D      | 10FC-RY627-D-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | MANGANESE     | 11.1          | Y           | J             | J            |           | 11.1                | mg/kg | 2370   | mg/kg |
| RY627-D      | 10FC-RY627-D-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | NICKEL        | 3.0           | Y           |               |              |           | 3.0                 | mg/kg | 5.2    | mg/kg |
| RY627-D      | 10FC-RY627-D-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | POTASSIUM     | 371           | Y           |               |              |           | 371                 | mg/kg | 470    | mg/kg |
| RY627-D      | 10FC-RY627-D-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | SILVER        | 0.74          | Y           |               |              |           | 0.74                | mg/kg | 39.2   | mg/kg |
| RY627-D      | 10FC-RY627-D-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | SODIUM        | 371           | Y           |               |              |           | 371                 | mg/kg | 454    | mg/kg |
| RY627-D      | 10FC-RY627-D-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | THALLIUM      | 1.9           | Y           | J             |              | J         | 1.9                 | mg/kg | 0.18   | mg/kg |
| RY627-D      | 10FC-RY627-D-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | ANTIMONY      | 44.5          | Y           | J             | J            |           | 44.5                | mg/kg | 839    | mg/kg |
| RY627-D      | 10FC-RY627-D-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | ARSENIC       | 7.4           | Y           |               |              |           | 7.4                 | mg/kg | 933    | mg/kg |
| RY627-D      | 10FC-RY627-D-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | BARIUM        | 14.8          | Y           |               |              |           | 14.8                | mg/kg | 39.2   | mg/kg |
| RY627-D      | 10FC-RY627-D-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | BERYLLIUM     | 0.37          | Y           | J             |              | J         | 0.37                | mg/kg | 0.36   | mg/kg |
| RY627-D      | 10FC-RY627-D-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | CADMIUM       | 0.37          | Y           | J             | J            |           | 0.37                | mg/kg | 18     | mg/kg |
| RY627-D      | 10FC-RY627-D-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | CHROMIUM      | 0.74          | Y           |               |              |           | 0.74                | mg/kg | 3.1    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY627-D      | 10FC-RY627-D-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | COBALT        | 3.7                 | Y           |               |              |           | 3.7                 | mg/kg | 4.1    | mg/kg |
| RY627-D      | 10FC-RY627-D-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | COPPER        | 1.9                 | Y           | J             | J            |           | 1.9                 | mg/kg | 42.1   | mg/kg |
| RY627-D      | 10FC-RY627-D-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | VANADIUM      | 3.7                 | Y           |               |              |           | 3.7                 | mg/kg | 6.4    | mg/kg |
| RY627-D      | 10FC-RY627-D-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | ZINC          | 44.5                | Y           | J             | J            |           | 44.5                | mg/kg | 3880   | mg/kg |
| RY627-D      | 10FC-RY627-D-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | CALCIUM       | 371                 | Y           | J             | J            |           | 371                 | mg/kg | 4540   | mg/kg |
| RY627-D      | 10FC-RY627-D-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | SELENIUM      | 2.6                 | Y           |               |              |           | 2.6                 | mg/kg | 6      | mg/kg |
| RY627-D      | 10FC-RY627-D-006012 | 8/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | ALUMINUM      | 15.0                | Y           |               |              |           | 15.0                | mg/kg | 5900   | mg/kg |
| RY627-D      | 10FC-RY627-D-006012 | 8/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | ANTIMONY      | 4.5                 | Y           | J             | J            |           | 4.5                 | mg/kg | 347    | mg/kg |
| RY627-D      | 10FC-RY627-D-006012 | 8/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | ARSENIC       | 0.75                | Y           |               |              |           | 0.75                | mg/kg | 376    | mg/kg |
| RY627-D      | 10FC-RY627-D-006012 | 8/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | BARIUM        | 15.0                | Y           |               |              |           | 15.0                | mg/kg | 74.9   | mg/kg |
| RY627-D      | 10FC-RY627-D-006012 | 8/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | BERYLLIUM     | 0.37                | Y           |               |              |           | 0.37                | mg/kg | 0.37   | mg/kg |
| RY627-D      | 10FC-RY627-D-006012 | 8/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | CADMIUM       | 0.37                | Y           | J             | J            |           | 0.37                | mg/kg | 6.9    | mg/kg |
| RY627-D      | 10FC-RY627-D-006012 | 8/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | CHROMIUM      | 0.75                | Y           |               |              |           | 0.75                | mg/kg | 5.1    | mg/kg |
| RY627-D      | 10FC-RY627-D-006012 | 8/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | COBALT        | 3.7                 | Y           |               |              |           | 3.7                 | mg/kg | 4.8    | mg/kg |
| RY627-D      | 10FC-RY627-D-006012 | 8/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | COPPER        | 1.9                 | Y           | J             | J            |           | 1.9                 | mg/kg | 27.7   | mg/kg |
| RY627-D      | 10FC-RY627-D-006012 | 8/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | CALCIUM       | 374                 | Y           | J             | J            |           | 374                 | mg/kg | 14600  | mg/kg |
| RY627-D      | 10FC-RY627-D-006012 | 8/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | IRON          | 74.8                | Y           | J             | J            |           | 74.8                | mg/kg | 25200  | mg/kg |
| RY627-D      | 10FC-RY627-D-006012 | 8/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | LEAD          | 0.75                | Y           | J             | J            |           | 0.75                | mg/kg | 1980   | mg/kg |
| RY627-D      | 10FC-RY627-D-006012 | 8/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 374                 | Y           |               |              |           | 374                 | mg/kg | 3600   | mg/kg |
| RY627-D      | 10FC-RY627-D-006012 | 8/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | MANGANESE     | 1.1                 | Y           | J             | J            |           | 1.1                 | mg/kg | 897    | mg/kg |
| RY627-D      | 10FC-RY627-D-006012 | 8/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | NICKEL        | 3.0                 | Y           |               |              |           | 3.0                 | mg/kg | 7.4    | mg/kg |
| RY627-D      | 10FC-RY627-D-006012 | 8/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | POTASSIUM     | 374                 | Y           |               |              |           | 374                 | mg/kg | 665    | mg/kg |
| RY627-D      | 10FC-RY627-D-006012 | 8/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SILVER        | 0.75                | Y           |               |              |           | 0.75                | mg/kg | 14.6   | mg/kg |
| RY627-D      | 10FC-RY627-D-006012 | 8/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SODIUM        | 374                 | Y           |               |              |           | 374                 | mg/kg | 477    | mg/kg |
| RY627-D      | 10FC-RY627-D-006012 | 8/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | THALLIUM      | 1.9                 | N           | U             |              | U         | 1.9                 | mg/kg | 1.9    | mg/kg |
| RY627-D      | 10FC-RY627-D-006012 | 8/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | VANADIUM      | 3.7                 | Y           |               |              |           | 3.7                 | mg/kg | 9.6    | mg/kg |
| RY627-D      | 10FC-RY627-D-006012 | 8/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | ZINC          | 4.5                 | Y           | J             | J            |           | 4.5                 | mg/kg | 1060   | mg/kg |
| RY627-D      | 10FC-RY627-D-006012 | 8/9/2010    | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SELENIUM      | 2.6                 | Y           |               |              |           | 2.6                 | mg/kg | 2.9    | mg/kg |
| RY627-E      | 10FC-RY627-E-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | ALUMINUM      | 15.0                | Y           |               |              |           | 15.0                | mg/kg | 9960   | mg/kg |
| RY627-E      | 10FC-RY627-E-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | IRON          | 7.5                 | Y           | J             | J            |           | 7.5                 | mg/kg | 10900  | mg/kg |
| RY627-E      | 10FC-RY627-E-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | LEAD          | 0.75                | Y           | J             | J            |           | 0.75                | mg/kg | 117    | mg/kg |
| RY627-E      | 10FC-RY627-E-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | MAGNESIUM     | 375                 | Y           |               |              |           | 375                 | mg/kg | 3740   | mg/kg |
| RY627-E      | 10FC-RY627-E-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | MANGANESE     | 1.1                 | Y           | J             | J            |           | 1.1                 | mg/kg | 308    | mg/kg |
| RY627-E      | 10FC-RY627-E-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | NICKEL        | 3.0                 | Y           |               |              |           | 3.0                 | mg/kg | 6.9    | mg/kg |
| RY627-E      | 10FC-RY627-E-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | POTASSIUM     | 375                 | Y           |               |              |           | 375                 | mg/kg | 966    | mg/kg |
| RY627-E      | 10FC-RY627-E-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | SILVER        | 0.75                | N           | U             |              | U         | 0.75                | mg/kg | 0.75   | mg/kg |
| RY627-E      | 10FC-RY627-E-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | SODIUM        | 375                 | Y           | J             |              | J         | 375                 | mg/kg | 370    | mg/kg |
| RY627-E      | 10FC-RY627-E-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | THALLIUM      | 1.9                 | N           | U             |              | U         | 1.9                 | mg/kg | 1.9    | mg/kg |
| RY627-E      | 10FC-RY627-E-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | ANTIMONY      | 4.5                 | Y           | J             | J            |           | 4.5                 | mg/kg | 6.6    | mg/kg |
| RY627-E      | 10FC-RY627-E-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | ARSENIC       | 0.75                | Y           |               |              |           | 0.75                | mg/kg | 16     | mg/kg |
| RY627-E      | 10FC-RY627-E-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | BARIUM        | 15.0                | Y           |               |              |           | 15.0                | mg/kg | 129    | mg/kg |
| RY627-E      | 10FC-RY627-E-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | BERYLLIUM     | 0.37                | Y           |               |              |           | 0.37                | mg/kg | 0.4    | mg/kg |
| RY627-E      | 10FC-RY627-E-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | CADMIUM       | 0.37                | Y           | J             | J            |           | 0.37                | mg/kg | 0.4    | mg/kg |
| RY627-E      | 10FC-RY627-E-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | CHROMIUM      | 0.75                | Y           |               |              |           | 0.75                | mg/kg | 6.5    | mg/kg |
| RY627-E      | 10FC-RY627-E-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | COBALT        | 3.7                 | Y           |               |              |           | 3.7                 | mg/kg | 4.8    | mg/kg |
| RY627-E      | 10FC-RY627-E-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | COPPER        | 1.9                 | Y           | J             | J            |           | 1.9                 | mg/kg | 11.1   | mg/kg |
| RY627-E      | 10FC-RY627-E-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | VANADIUM      | 3.7                 | Y           |               |              |           | 3.7                 | mg/kg | 13.2   | mg/kg |
| RY627-E      | 10FC-RY627-E-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | ZINC          | 4.5                 | Y           | J             | J            |           | 4.5                 | mg/kg | 117    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY627-E      | 10FC-RY627-E-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | CALCIUM       | 375           | Y           | J             | J            |           | 375                 | mg/kg | 6270   | mg/kg |
| RY627-E      | 10FC-RY627-E-000002 | 8/9/2010    | N           | 0           | 2         | in         | C200.7          | 10/1/2010     | SELENIUM      | 2.6           | Y           | J             |              | J         | 2.6                 | mg/kg | 1.5    | mg/kg |
| RY627-E      | 10FC-RY627-E-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | ALUMINUM      | 15.4          | Y           |               |              |           | 15.4                | mg/kg | 10700  | mg/kg |
| RY627-E      | 10FC-RY627-E-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | IRON          | 7.7           | Y           | J             | J            |           | 7.7                 | mg/kg | 10900  | mg/kg |
| RY627-E      | 10FC-RY627-E-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | LEAD          | 0.77          | Y           | J             | J            |           | 0.77                | mg/kg | 71.1   | mg/kg |
| RY627-E      | 10FC-RY627-E-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | MAGNESIUM     | 384           | Y           |               |              |           | 384                 | mg/kg | 4240   | mg/kg |
| RY627-E      | 10FC-RY627-E-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | MANGANESE     | 1.2           | Y           | J             | J            |           | 1.2                 | mg/kg | 347    | mg/kg |
| RY627-E      | 10FC-RY627-E-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | NICKEL        | 3.1           | Y           |               |              |           | 3.1                 | mg/kg | 7      | mg/kg |
| RY627-E      | 10FC-RY627-E-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | POTASSIUM     | 384           | Y           |               |              |           | 384                 | mg/kg | 844    | mg/kg |
| RY627-E      | 10FC-RY627-E-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | SILVER        | 0.77          | N           | U             |              | U         | 0.77                | mg/kg | 0.77   | mg/kg |
| RY627-E      | 10FC-RY627-E-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | SODIUM        | 384           | Y           | J             |              | J         | 384                 | mg/kg | 371    | mg/kg |
| RY627-E      | 10FC-RY627-E-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | THALLIUM      | 1.9           | N           | U             |              | U         | 1.9                 | mg/kg | 1.9    | mg/kg |
| RY627-E      | 10FC-RY627-E-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | ANTIMONY      | 4.6           | Y           | J             | J            |           | 4.6                 | mg/kg | 5.3    | mg/kg |
| RY627-E      | 10FC-RY627-E-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | ARSENIC       | 0.77          | Y           |               |              |           | 0.77                | mg/kg | 11.2   | mg/kg |
| RY627-E      | 10FC-RY627-E-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | BARIUM        | 15.4          | Y           |               |              |           | 15.4                | mg/kg | 133    | mg/kg |
| RY627-E      | 10FC-RY627-E-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | BERYLLIUM     | 0.38          | Y           |               |              |           | 0.38                | mg/kg | 0.44   | mg/kg |
| RY627-E      | 10FC-RY627-E-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | CADMIUM       | 0.38          | Y           | J             | J            | J         | 0.38                | mg/kg | 0.18   | mg/kg |
| RY627-E      | 10FC-RY627-E-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | CHROMIUM      | 0.77          | Y           |               |              |           | 0.77                | mg/kg | 6.4    | mg/kg |
| RY627-E      | 10FC-RY627-E-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | COBALT        | 3.8           | Y           |               |              |           | 3.8                 | mg/kg | 5      | mg/kg |
| RY627-E      | 10FC-RY627-E-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | COPPER        | 1.9           | Y           | J             | J            |           | 1.9                 | mg/kg | 10.6   | mg/kg |
| RY627-E      | 10FC-RY627-E-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | VANADIUM      | 3.8           | Y           |               |              |           | 3.8                 | mg/kg | 13.2   | mg/kg |
| RY627-E      | 10FC-RY627-E-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | ZINC          | 4.6           | Y           | J             | J            |           | 4.6                 | mg/kg | 75.1   | mg/kg |
| RY627-E      | 10FC-RY627-E-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | CALCIUM       | 384           | Y           | J             | J            |           | 384                 | mg/kg | 8250   | mg/kg |
| RY627-E      | 10FC-RY627-E-002006 | 8/9/2010    | N           | 2           | 6         | in         | C200.7          | 10/1/2010     | SELENIUM      | 2.7           | Y           | J             |              | J         | 2.7                 | mg/kg | 1.4    | mg/kg |
| RY637-A      | 10FC-RY637-A-006012 | 8/17/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | ALUMINUM      | 15.0          | Y           |               |              |           | 15.0                | mg/kg | 9520   | mg/kg |
| RY637-A      | 10FC-RY637-A-006012 | 8/17/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | IRON          | 7.5           | Y           | J             | J            |           | 7.5                 | mg/kg | 11800  | mg/kg |
| RY637-A      | 10FC-RY637-A-006012 | 8/17/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | LEAD          | 0.75          | Y           | J             | J            |           | 0.75                | mg/kg | 36.5   | mg/kg |
| RY637-A      | 10FC-RY637-A-006012 | 8/17/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | MAGNESIUM     | 376           | Y           |               |              |           | 376                 | mg/kg | 3190   | mg/kg |
| RY637-A      | 10FC-RY637-A-006012 | 8/17/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | MANGANESE     | 1.1           | Y           | J             | J            |           | 1.1                 | mg/kg | 358    | mg/kg |
| RY637-A      | 10FC-RY637-A-006012 | 8/17/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | NICKEL        | 3.0           | Y           |               |              |           | 3.0                 | mg/kg | 6.8    | mg/kg |
| RY637-A      | 10FC-RY637-A-006012 | 8/17/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | POTASSIUM     | 376           | Y           |               |              |           | 376                 | mg/kg | 957    | mg/kg |
| RY637-A      | 10FC-RY637-A-006012 | 8/17/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | SILVER        | 0.75          | N           | U             |              | U         | 0.75                | mg/kg | 0.75   | mg/kg |
| RY637-A      | 10FC-RY637-A-006012 | 8/17/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | SODIUM        | 376           | Y           | J             |              | J         | 376                 | mg/kg | 316    | mg/kg |
| RY637-A      | 10FC-RY637-A-006012 | 8/17/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | THALLIUM      | 1.9           | N           | U             |              | U         | 1.9                 | mg/kg | 1.9    | mg/kg |
| RY637-A      | 10FC-RY637-A-006012 | 8/17/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | ANTIMONY      | 4.5           | Y           | J             | J            | J         | 4.5                 | mg/kg | 2.4    | mg/kg |
| RY637-A      | 10FC-RY637-A-006012 | 8/17/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | ARSENIC       | 0.75          | Y           |               |              |           | 0.75                | mg/kg | 5.7    | mg/kg |
| RY637-A      | 10FC-RY637-A-006012 | 8/17/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | BARIUM        | 15.0          | Y           |               |              |           | 15.0                | mg/kg | 151    | mg/kg |
| RY637-A      | 10FC-RY637-A-006012 | 8/17/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | BERYLLIUM     | 0.38          | Y           |               |              |           | 0.38                | mg/kg | 0.45   | mg/kg |
| RY637-A      | 10FC-RY637-A-006012 | 8/17/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | CADMIUM       | 0.38          | Y           | J             | J            | J         | 0.38                | mg/kg | 0.1    | mg/kg |
| RY637-A      | 10FC-RY637-A-006012 | 8/17/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | CHROMIUM      | 0.75          | Y           |               |              |           | 0.75                | mg/kg | 7.8    | mg/kg |
| RY637-A      | 10FC-RY637-A-006012 | 8/17/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | COBALT        | 3.8           | Y           |               |              |           | 3.8                 | mg/kg | 5.2    | mg/kg |
| RY637-A      | 10FC-RY637-A-006012 | 8/17/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | COPPER        | 1.9           | Y           | J             | J            |           | 1.9                 | mg/kg | 10.9   | mg/kg |
| RY637-A      | 10FC-RY637-A-006012 | 8/17/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | VANADIUM      | 3.8           | Y           |               |              |           | 3.8                 | mg/kg | 16.5   | mg/kg |
| RY637-A      | 10FC-RY637-A-006012 | 8/17/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | ZINC          | 4.5           | Y           | J             | J            |           | 4.5                 | mg/kg | 73     | mg/kg |
| RY637-A      | 10FC-RY637-A-006012 | 8/17/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | CALCIUM       | 376           | Y           | J             | J            |           | 376                 | mg/kg | 3360   | mg/kg |
| RY637-A      | 10FC-RY637-A-006012 | 8/17/2010   | N           | 6           | 12        | in         | C200.7          | 10/1/2010     | SELENIUM      | 2.6           | Y           | J             |              | J         | 2.6                 | mg/kg | 1.8    | mg/kg |
| RY319-J      | 10FC-RY319-J-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | ALUMINUM      | 22.7          | Y           |               |              |           | 22.7                | mg/kg | 5890   | mg/kg |
| RY319-J      | 10FC-RY319-J-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | ANTIMONY      | 6.8           | Y           | J-            | J-           |           | 6.8                 | mg/kg | 9.8    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY319-J      | 10FC-RY319-J-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | ARSENIC       | 1.1           | Y           |               |              |           | 1.1           | mg/kg | 13.4   | mg/kg |
| RY319-J      | 10FC-RY319-J-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | BARIIUM       | 22.7          | Y           |               |              |           | 22.7          | mg/kg | 106    | mg/kg |
| RY319-J      | 10FC-RY319-J-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | IRON          | 11.3          | Y           |               |              |           | 11.3          | mg/kg | 9520   | mg/kg |
| RY319-J      | 10FC-RY319-J-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | LEAD          | 1.1           | Y           |               |              |           | 1.1           | mg/kg | 107    | mg/kg |
| RY319-J      | 10FC-RY319-J-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 566           | Y           |               |              |           | 566           | mg/kg | 2660   | mg/kg |
| RY319-J      | 10FC-RY319-J-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | MANGANESE     | 1.7           | Y           |               |              |           | 1.7           | mg/kg | 374    | mg/kg |
| RY319-J      | 10FC-RY319-J-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | NICKEL        | 4.5           | Y           |               |              |           | 4.5           | mg/kg | 6.2    | mg/kg |
| RY319-J      | 10FC-RY319-J-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | POTASSIUM     | 566           | Y           |               |              |           | 566           | mg/kg | 1120   | mg/kg |
| RY319-J      | 10FC-RY319-J-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | SILVER        | 1.1           | N           | U             |              | U         | 1.1           | mg/kg | 1.1    | mg/kg |
| RY319-J      | 10FC-RY319-J-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | SODIUM        | 566           | Y           | J             |              | J         | 566           | mg/kg | 315    | mg/kg |
| RY319-J      | 10FC-RY319-J-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | THALLIUM      | 2.8           | N           | U             |              | U         | 2.8           | mg/kg | 2.8    | mg/kg |
| RY319-J      | 10FC-RY319-J-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | BERYLLIUM     | 0.57          | Y           | J             |              | J         | 0.57          | mg/kg | 0.33   | mg/kg |
| RY319-J      | 10FC-RY319-J-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | CADMIUM       | 0.57          | Y           |               |              |           | 0.57          | mg/kg | 1.3    | mg/kg |
| RY319-J      | 10FC-RY319-J-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | CHROMIUM      | 1.1           | Y           |               |              |           | 1.1           | mg/kg | 6.7    | mg/kg |
| RY319-J      | 10FC-RY319-J-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | COBALT        | 5.7           | Y           | J             |              | J         | 5.7           | mg/kg | 4.4    | mg/kg |
| RY319-J      | 10FC-RY319-J-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | COPPER        | 2.8           | Y           |               |              |           | 2.8           | mg/kg | 8.3    | mg/kg |
| RY319-J      | 10FC-RY319-J-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | VANADIUM      | 5.7           | Y           |               |              |           | 5.7           | mg/kg | 11.5   | mg/kg |
| RY319-J      | 10FC-RY319-J-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | ZINC          | 6.8           | Y           |               |              |           | 6.8           | mg/kg | 251    | mg/kg |
| RY319-J      | 10FC-RY319-J-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | CALCIUM       | 566           | Y           |               |              |           | 566           | mg/kg | 2620   | mg/kg |
| RY319-J      | 10FC-RY319-J-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | SELENIUM      | 4.0           | N           | U             |              | U         | 4.0           | mg/kg | 4      | mg/kg |
| RY325-F      | 10FC-RY325-F-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | ALUMINUM      | 14.7          | Y           |               |              |           | 14.7          | mg/kg | 5240   | mg/kg |
| RY325-F      | 10FC-RY325-F-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | ANTIMONY      | 4.4           | Y           | J-            | J-           | J         | 4.4           | mg/kg | 1.4    | mg/kg |
| RY325-F      | 10FC-RY325-F-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | ARSENIC       | 0.74          | Y           |               |              |           | 0.74          | mg/kg | 7.5    | mg/kg |
| RY325-F      | 10FC-RY325-F-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | BARIIUM       | 14.7          | Y           |               |              |           | 14.7          | mg/kg | 89.9   | mg/kg |
| RY325-F      | 10FC-RY325-F-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | IRON          | 7.4           | Y           |               |              |           | 7.4           | mg/kg | 10900  | mg/kg |
| RY325-F      | 10FC-RY325-F-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | LEAD          | 0.74          | Y           |               |              |           | 0.74          | mg/kg | 61.5   | mg/kg |
| RY325-F      | 10FC-RY325-F-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 368           | Y           |               |              |           | 368           | mg/kg | 4590   | mg/kg |
| RY325-F      | 10FC-RY325-F-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | MANGANESE     | 1.1           | Y           |               |              |           | 1.1           | mg/kg | 235    | mg/kg |
| RY325-F      | 10FC-RY325-F-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | NICKEL        | 2.9           | Y           |               |              |           | 2.9           | mg/kg | 7.8    | mg/kg |
| RY325-F      | 10FC-RY325-F-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | POTASSIUM     | 368           | Y           |               |              |           | 368           | mg/kg | 1180   | mg/kg |
| RY325-F      | 10FC-RY325-F-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SILVER        | 0.74          | N           | U             |              | U         | 0.74          | mg/kg | 0.74   | mg/kg |
| RY325-F      | 10FC-RY325-F-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SODIUM        | 368           | Y           | J             |              | J         | 368           | mg/kg | 190    | mg/kg |
| RY325-F      | 10FC-RY325-F-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | THALLIUM      | 1.8           | N           | U             |              | U         | 1.8           | mg/kg | 1.8    | mg/kg |
| RY325-F      | 10FC-RY325-F-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | BERYLLIUM     | 0.37          | Y           |               |              |           | 0.37          | mg/kg | 0.4    | mg/kg |
| RY325-F      | 10FC-RY325-F-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CADMIUM       | 0.37          | Y           | J             |              | J         | 0.37          | mg/kg | 0.37   | mg/kg |
| RY325-F      | 10FC-RY325-F-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CHROMIUM      | 0.74          | Y           |               |              |           | 0.74          | mg/kg | 8.3    | mg/kg |
| RY325-F      | 10FC-RY325-F-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | COBALT        | 3.7           | Y           |               |              |           | 3.7           | mg/kg | 5.1    | mg/kg |
| RY325-F      | 10FC-RY325-F-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | COPPER        | 1.8           | Y           |               |              |           | 1.8           | mg/kg | 16.6   | mg/kg |
| RY325-F      | 10FC-RY325-F-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | VANADIUM      | 3.7           | Y           |               |              |           | 3.7           | mg/kg | 8.9    | mg/kg |
| RY325-F      | 10FC-RY325-F-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | ZINC          | 4.4           | Y           |               |              |           | 4.4           | mg/kg | 67.1   | mg/kg |
| RY325-F      | 10FC-RY325-F-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CALCIUM       | 368           | Y           |               |              |           | 368           | mg/kg | 10500  | mg/kg |
| RY325-F      | 10FC-RY325-F-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SELENIUM      | 2.6           | N           | U             |              | U         | 2.6           | mg/kg | 2.6    | mg/kg |
| RY325-G      | 10FC-RY325-G-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | ALUMINUM      | 14.2          | Y           |               |              |           | 14.2          | mg/kg | 6300   | mg/kg |
| RY325-G      | 10FC-RY325-G-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | ANTIMONY      | 4.3           | Y           | J-            | J-           |           | 4.3           | mg/kg | 4.8    | mg/kg |
| RY325-G      | 10FC-RY325-G-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | ARSENIC       | 0.71          | Y           |               |              |           | 0.71          | mg/kg | 10.3   | mg/kg |
| RY325-G      | 10FC-RY325-G-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | BARIIUM       | 14.2          | Y           |               |              |           | 14.2          | mg/kg | 140    | mg/kg |
| RY325-G      | 10FC-RY325-G-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | IRON          | 7.1           | Y           |               |              |           | 7.1           | mg/kg | 11000  | mg/kg |
| RY325-G      | 10FC-RY325-G-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | LEAD          | 0.71          | Y           |               |              |           | 0.71          | mg/kg | 72.3   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY325-G      | 10FC-RY325-G-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 356           | Y           |               |              |           | 356           | mg/kg | 3290   | mg/kg |
| RY325-G      | 10FC-RY325-G-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | MANGANESE     | 1.1           | Y           |               |              |           | 1.1           | mg/kg | 357    | mg/kg |
| RY325-G      | 10FC-RY325-G-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | NICKEL        | 2.8           | Y           |               |              |           | 2.8           | mg/kg | 7.3    | mg/kg |
| RY325-G      | 10FC-RY325-G-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | POTASSIUM     | 356           | Y           |               |              |           | 356           | mg/kg | 1580   | mg/kg |
| RY325-G      | 10FC-RY325-G-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SILVER        | 0.71          | N           | U             |              | U         | 0.71          | mg/kg | 0.71   | mg/kg |
| RY325-G      | 10FC-RY325-G-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SODIUM        | 356           | Y           | J             |              | J         | 356           | mg/kg | 199    | mg/kg |
| RY325-G      | 10FC-RY325-G-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | THALLIUM      | 1.8           | N           | U             |              | U         | 1.8           | mg/kg | 1.8    | mg/kg |
| RY325-G      | 10FC-RY325-G-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | BERYLLIUM     | 0.36          | Y           |               |              |           | 0.36          | mg/kg | 0.46   | mg/kg |
| RY325-G      | 10FC-RY325-G-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CADMIUM       | 0.36          | Y           |               |              |           | 0.36          | mg/kg | 0.65   | mg/kg |
| RY325-G      | 10FC-RY325-G-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CHROMIUM      | 0.71          | Y           |               |              |           | 0.71          | mg/kg | 6.8    | mg/kg |
| RY325-G      | 10FC-RY325-G-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | COBALT        | 3.6           | Y           |               |              |           | 3.6           | mg/kg | 4.9    | mg/kg |
| RY325-G      | 10FC-RY325-G-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | COPPER        | 1.8           | Y           |               |              |           | 1.8           | mg/kg | 28.1   | mg/kg |
| RY325-G      | 10FC-RY325-G-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | VANADIUM      | 3.6           | Y           |               |              |           | 3.6           | mg/kg | 11.7   | mg/kg |
| RY325-G      | 10FC-RY325-G-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | ZINC          | 4.3           | Y           |               |              |           | 4.3           | mg/kg | 109    | mg/kg |
| RY325-G      | 10FC-RY325-G-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CALCIUM       | 356           | Y           |               |              |           | 356           | mg/kg | 4610   | mg/kg |
| RY325-G      | 10FC-RY325-G-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SELENIUM      | 2.5           | N           | U             |              | U         | 2.5           | mg/kg | 2.5    | mg/kg |
| RY360-A      | 10FC-RY360-A-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | ALUMINUM      | 13.5          | Y           |               |              |           | 13.5          | mg/kg | 3670   | mg/kg |
| RY360-A      | 10FC-RY360-A-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | ANTIMONY      | 4.0           | Y           | J-            | J-           |           | 4.0           | mg/kg | 4.3    | mg/kg |
| RY360-A      | 10FC-RY360-A-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | ARSENIC       | 0.67          | Y           |               |              |           | 0.67          | mg/kg | 12.6   | mg/kg |
| RY360-A      | 10FC-RY360-A-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | BARIUM        | 13.5          | Y           |               |              |           | 13.5          | mg/kg | 101    | mg/kg |
| RY360-A      | 10FC-RY360-A-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | IRON          | 6.7           | Y           |               |              |           | 6.7           | mg/kg | 13100  | mg/kg |
| RY360-A      | 10FC-RY360-A-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | LEAD          | 0.67          | Y           |               |              |           | 0.67          | mg/kg | 195    | mg/kg |
| RY360-A      | 10FC-RY360-A-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 337           | Y           |               |              |           | 337           | mg/kg | 5940   | mg/kg |
| RY360-A      | 10FC-RY360-A-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | MANGANESE     | 1.0           | Y           |               |              |           | 1.0           | mg/kg | 380    | mg/kg |
| RY360-A      | 10FC-RY360-A-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | NICKEL        | 2.7           | Y           |               |              |           | 2.7           | mg/kg | 8.3    | mg/kg |
| RY360-A      | 10FC-RY360-A-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | POTASSIUM     | 337           | Y           |               |              |           | 337           | mg/kg | 954    | mg/kg |
| RY360-A      | 10FC-RY360-A-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | SILVER        | 0.67          | N           | U             |              | U         | 0.67          | mg/kg | 0.67   | mg/kg |
| RY360-A      | 10FC-RY360-A-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | SODIUM        | 337           | Y           | J             |              | J         | 337           | mg/kg | 268    | mg/kg |
| RY360-A      | 10FC-RY360-A-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | THALLIUM      | 1.7           | N           | U             |              | U         | 1.7           | mg/kg | 1.7    | mg/kg |
| RY360-A      | 10FC-RY360-A-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | BERYLLIUM     | 0.34          | Y           | J             |              | J         | 0.34          | mg/kg | 0.28   | mg/kg |
| RY360-A      | 10FC-RY360-A-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | CADMIUM       | 0.34          | Y           |               |              |           | 0.34          | mg/kg | 0.74   | mg/kg |
| RY360-A      | 10FC-RY360-A-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | CHROMIUM      | 0.67          | Y           |               |              |           | 0.67          | mg/kg | 4.8    | mg/kg |
| RY360-A      | 10FC-RY360-A-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | COBALT        | 3.4           | Y           |               |              |           | 3.4           | mg/kg | 4.7    | mg/kg |
| RY360-A      | 10FC-RY360-A-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | COPPER        | 1.7           | Y           |               |              |           | 1.7           | mg/kg | 15.5   | mg/kg |
| RY360-A      | 10FC-RY360-A-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | VANADIUM      | 3.4           | Y           |               |              |           | 3.4           | mg/kg | 5.9    | mg/kg |
| RY360-A      | 10FC-RY360-A-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | ZINC          | 4.0           | Y           |               |              |           | 4.0           | mg/kg | 173    | mg/kg |
| RY360-A      | 10FC-RY360-A-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | CALCIUM       | 337           | Y           |               |              |           | 337           | mg/kg | 18700  | mg/kg |
| RY360-A      | 10FC-RY360-A-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | SELENIUM      | 2.4           | N           | U             |              | U         | 2.4           | mg/kg | 2.4    | mg/kg |
| RY360-B      | 10FC-RY360-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | ALUMINUM      | 12.1          | Y           |               |              |           | 12.1          | mg/kg | 3100   | mg/kg |
| RY360-B      | 10FC-RY360-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | ANTIMONY      | 3.6           | Y           | J-            | J-           | J         | 3.6           | mg/kg | 2.4    | mg/kg |
| RY360-B      | 10FC-RY360-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | ARSENIC       | 0.61          | Y           |               |              |           | 0.61          | mg/kg | 13.4   | mg/kg |
| RY360-B      | 10FC-RY360-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | BARIUM        | 12.1          | Y           |               |              |           | 12.1          | mg/kg | 73.1   | mg/kg |
| RY360-B      | 10FC-RY360-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | IRON          | 6.1           | Y           |               |              |           | 6.1           | mg/kg | 12100  | mg/kg |
| RY360-B      | 10FC-RY360-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | LEAD          | 0.61          | Y           |               |              |           | 0.61          | mg/kg | 85.3   | mg/kg |
| RY360-B      | 10FC-RY360-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 303           | Y           |               |              |           | 303           | mg/kg | 6370   | mg/kg |
| RY360-B      | 10FC-RY360-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | MANGANESE     | 0.91          | Y           |               |              |           | 0.91          | mg/kg | 337    | mg/kg |
| RY360-B      | 10FC-RY360-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | NICKEL        | 2.4           | Y           |               |              |           | 2.4           | mg/kg | 7.1    | mg/kg |
| RY360-B      | 10FC-RY360-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | POTASSIUM     | 303           | Y           |               |              |           | 303           | mg/kg | 674    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY360-B      | 10FC-RY360-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | SILVER        | 0.61          | N           | U             |              | U         | 0.61          | mg/kg | 0.61   | mg/kg |
| RY360-B      | 10FC-RY360-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | SODIUM        | 303           | Y           | J             |              | J         | 303           | mg/kg | 216    | mg/kg |
| RY360-B      | 10FC-RY360-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | THALLIUM      | 1.5           | N           | U             |              | U         | 1.5           | mg/kg | 1.5    | mg/kg |
| RY360-B      | 10FC-RY360-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | BERYLLIUM     | 0.30          | Y           | J             |              | J         | 0.30          | mg/kg | 0.26   | mg/kg |
| RY360-B      | 10FC-RY360-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | CADMIUM       | 0.30          | Y           |               |              |           | 0.30          | mg/kg | 0.7    | mg/kg |
| RY360-B      | 10FC-RY360-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | CHROMIUM      | 0.61          | Y           |               |              |           | 0.61          | mg/kg | 3.8    | mg/kg |
| RY360-B      | 10FC-RY360-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | COBALT        | 3.0           | Y           |               |              |           | 3.0           | mg/kg | 4.8    | mg/kg |
| RY360-B      | 10FC-RY360-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | COPPER        | 1.5           | Y           |               |              |           | 1.5           | mg/kg | 16.9   | mg/kg |
| RY360-B      | 10FC-RY360-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | VANADIUM      | 3.0           | Y           |               |              |           | 3.0           | mg/kg | 5.9    | mg/kg |
| RY360-B      | 10FC-RY360-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | ZINC          | 3.6           | Y           |               |              |           | 3.6           | mg/kg | 145    | mg/kg |
| RY360-B      | 10FC-RY360-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | CALCIUM       | 303           | Y           |               |              |           | 303           | mg/kg | 16600  | mg/kg |
| RY360-B      | 10FC-RY360-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | SELENIUM      | 2.1           | N           | U             |              | U         | 2.1           | mg/kg | 2.1    | mg/kg |
| RY360-B      | 10FC-RY360-B-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | ALUMINUM      | 13.5          | Y           |               |              |           | 13.5          | mg/kg | 2700   | mg/kg |
| RY360-B      | 10FC-RY360-B-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | ANTIMONY      | 4.0           | Y           | J-            | J-           | J         | 4.0           | mg/kg | 2      | mg/kg |
| RY360-B      | 10FC-RY360-B-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | ARSENIC       | 0.67          | Y           |               |              |           | 0.67          | mg/kg | 15.6   | mg/kg |
| RY360-B      | 10FC-RY360-B-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | BARIUM        | 13.5          | Y           |               |              |           | 13.5          | mg/kg | 64.7   | mg/kg |
| RY360-B      | 10FC-RY360-B-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | IRON          | 6.7           | Y           |               |              |           | 6.7           | mg/kg | 12000  | mg/kg |
| RY360-B      | 10FC-RY360-B-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | LEAD          | 0.67          | Y           |               |              |           | 0.67          | mg/kg | 59.1   | mg/kg |
| RY360-B      | 10FC-RY360-B-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 337           | Y           |               |              |           | 337           | mg/kg | 6220   | mg/kg |
| RY360-B      | 10FC-RY360-B-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | MANGANESE     | 1.0           | Y           |               |              |           | 1.0           | mg/kg | 307    | mg/kg |
| RY360-B      | 10FC-RY360-B-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | NICKEL        | 2.7           | Y           |               |              |           | 2.7           | mg/kg | 7.6    | mg/kg |
| RY360-B      | 10FC-RY360-B-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | POTASSIUM     | 337           | Y           |               |              |           | 337           | mg/kg | 520    | mg/kg |
| RY360-B      | 10FC-RY360-B-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SILVER        | 0.67          | N           | U             |              | U         | 0.67          | mg/kg | 0.67   | mg/kg |
| RY360-B      | 10FC-RY360-B-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SODIUM        | 337           | Y           | J             |              | J         | 337           | mg/kg | 207    | mg/kg |
| RY360-B      | 10FC-RY360-B-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | THALLIUM      | 1.7           | N           | U             |              | U         | 1.7           | mg/kg | 1.7    | mg/kg |
| RY360-B      | 10FC-RY360-B-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | BERYLLIUM     | 0.34          | Y           | J             |              | J         | 0.34          | mg/kg | 0.23   | mg/kg |
| RY360-B      | 10FC-RY360-B-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CADMIUM       | 0.34          | Y           |               |              |           | 0.34          | mg/kg | 0.48   | mg/kg |
| RY360-B      | 10FC-RY360-B-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CHROMIUM      | 0.67          | Y           |               |              |           | 0.67          | mg/kg | 3.3    | mg/kg |
| RY360-B      | 10FC-RY360-B-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | COBALT        | 3.4           | Y           |               |              |           | 3.4           | mg/kg | 5.6    | mg/kg |
| RY360-B      | 10FC-RY360-B-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | COPPER        | 1.7           | Y           |               |              |           | 1.7           | mg/kg | 13.6   | mg/kg |
| RY360-B      | 10FC-RY360-B-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | VANADIUM      | 3.4           | Y           |               |              |           | 3.4           | mg/kg | 5.2    | mg/kg |
| RY360-B      | 10FC-RY360-B-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | ZINC          | 4.0           | Y           |               |              |           | 4.0           | mg/kg | 101    | mg/kg |
| RY360-B      | 10FC-RY360-B-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CALCIUM       | 337           | Y           |               |              |           | 337           | mg/kg | 12300  | mg/kg |
| RY360-B      | 10FC-RY360-B-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SELENIUM      | 2.4           | N           | U             |              | U         | 2.4           | mg/kg | 2.4    | mg/kg |
| RY361-B      | 10FC-RY361-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | ALUMINUM      | 14.5          | Y           |               |              |           | 14.5          | mg/kg | 4110   | mg/kg |
| RY361-B      | 10FC-RY361-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | ANTIMONY      | 4.3           | Y           | J-            | J-           | J         | 4.3           | mg/kg | 3.8    | mg/kg |
| RY361-B      | 10FC-RY361-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | ARSENIC       | 0.72          | Y           |               |              |           | 0.72          | mg/kg | 12.9   | mg/kg |
| RY361-B      | 10FC-RY361-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | BARIUM        | 14.5          | Y           |               |              |           | 14.5          | mg/kg | 84     | mg/kg |
| RY361-B      | 10FC-RY361-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | IRON          | 7.2           | Y           |               |              |           | 7.2           | mg/kg | 10900  | mg/kg |
| RY361-B      | 10FC-RY361-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | LEAD          | 0.72          | Y           |               |              |           | 0.72          | mg/kg | 62.6   | mg/kg |
| RY361-B      | 10FC-RY361-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 362           | Y           |               |              |           | 362           | mg/kg | 4200   | mg/kg |
| RY361-B      | 10FC-RY361-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | MANGANESE     | 1.1           | Y           |               |              |           | 1.1           | mg/kg | 340    | mg/kg |
| RY361-B      | 10FC-RY361-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | NICKEL        | 2.9           | Y           |               |              |           | 2.9           | mg/kg | 6.7    | mg/kg |
| RY361-B      | 10FC-RY361-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | POTASSIUM     | 362           | Y           |               |              |           | 362           | mg/kg | 1000   | mg/kg |
| RY361-B      | 10FC-RY361-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | SILVER        | 0.72          | N           | U             |              | U         | 0.72          | mg/kg | 0.72   | mg/kg |
| RY361-B      | 10FC-RY361-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | SODIUM        | 362           | Y           | J             |              | J         | 362           | mg/kg | 216    | mg/kg |
| RY361-B      | 10FC-RY361-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | THALLIUM      | 1.8           | N           | U             |              | U         | 1.8           | mg/kg | 1.8    | mg/kg |
| RY361-B      | 10FC-RY361-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | BERYLLIUM     | 0.36          | Y           | J             |              | J         | 0.36          | mg/kg | 0.27   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | result | unit        |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|--------|-------------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |        |             |
| RY361-B      | 10FC-RY361-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | CADMIUM       | 0.36          | Y           |               |              |           | 0.36          | mg/kg  | 1.2 mg/kg   |
| RY361-B      | 10FC-RY361-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | CHROMIUM      | 0.72          | Y           |               |              |           | 0.72          | mg/kg  | 4.2 mg/kg   |
| RY361-B      | 10FC-RY361-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | COBALT        | 3.6           | Y           |               |              |           | 3.6           | mg/kg  | 4.1 mg/kg   |
| RY361-B      | 10FC-RY361-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | COPPER        | 1.8           | Y           |               |              |           | 1.8           | mg/kg  | 12.3 mg/kg  |
| RY361-B      | 10FC-RY361-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | VANADIUM      | 3.6           | Y           |               |              |           | 3.6           | mg/kg  | 6.4 mg/kg   |
| RY361-B      | 10FC-RY361-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | ZINC          | 4.3           | Y           |               |              |           | 4.3           | mg/kg  | 134 mg/kg   |
| RY361-B      | 10FC-RY361-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | CALCIUM       | 362           | Y           |               |              |           | 362           | mg/kg  | 11100 mg/kg |
| RY361-B      | 10FC-RY361-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | SELENIUM      | 2.5           | N           | U             |              | U         | 2.5           | mg/kg  | 2.5 mg/kg   |
| RY361-B      | 10FC-RY361-B-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | ALUMINUM      | 12.5          | Y           |               |              |           | 12.5          | mg/kg  | 4140 mg/kg  |
| RY361-B      | 10FC-RY361-B-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | ANTIMONY      | 3.7           | Y           | J-            | J-           |           | 3.7           | mg/kg  | 4.9 mg/kg   |
| RY361-B      | 10FC-RY361-B-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | ARSENIC       | 0.62          | Y           |               |              |           | 0.62          | mg/kg  | 12.7 mg/kg  |
| RY361-B      | 10FC-RY361-B-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | BARIUM        | 12.5          | Y           |               |              |           | 12.5          | mg/kg  | 64.4 mg/kg  |
| RY361-B      | 10FC-RY361-B-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | IRON          | 6.2           | Y           |               |              |           | 6.2           | mg/kg  | 9930 mg/kg  |
| RY361-B      | 10FC-RY361-B-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | LEAD          | 0.62          | Y           |               |              |           | 0.62          | mg/kg  | 93.5 mg/kg  |
| RY361-B      | 10FC-RY361-B-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 312           | Y           |               |              |           | 312           | mg/kg  | 4530 mg/kg  |
| RY361-B      | 10FC-RY361-B-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | MANGANESE     | 0.94          | Y           |               |              |           | 0.94          | mg/kg  | 316 mg/kg   |
| RY361-B      | 10FC-RY361-B-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | NICKEL        | 2.5           | Y           |               |              |           | 2.5           | mg/kg  | 6.7 mg/kg   |
| RY361-B      | 10FC-RY361-B-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | POTASSIUM     | 312           | Y           |               |              |           | 312           | mg/kg  | 826 mg/kg   |
| RY361-B      | 10FC-RY361-B-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | SILVER        | 0.62          | N           | U             |              | U         | 0.62          | mg/kg  | 0.62 mg/kg  |
| RY361-B      | 10FC-RY361-B-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | SODIUM        | 312           | Y           | J             |              | J         | 312           | mg/kg  | 170 mg/kg   |
| RY361-B      | 10FC-RY361-B-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | THALLIUM      | 1.6           | N           | U             |              | U         | 1.6           | mg/kg  | 1.6 mg/kg   |
| RY361-B      | 10FC-RY361-B-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | BERYLLIUM     | 0.31          | Y           | J             |              | J         | 0.31          | mg/kg  | 0.28 mg/kg  |
| RY361-B      | 10FC-RY361-B-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | CADMIUM       | 0.31          | Y           |               |              |           | 0.31          | mg/kg  | 0.76 mg/kg  |
| RY361-B      | 10FC-RY361-B-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | CHROMIUM      | 0.62          | Y           |               |              |           | 0.62          | mg/kg  | 4.5 mg/kg   |
| RY361-B      | 10FC-RY361-B-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | COBALT        | 3.1           | Y           |               |              |           | 3.1           | mg/kg  | 4.2 mg/kg   |
| RY361-B      | 10FC-RY361-B-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | COPPER        | 1.6           | Y           |               |              |           | 1.6           | mg/kg  | 11.1 mg/kg  |
| RY361-B      | 10FC-RY361-B-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | VANADIUM      | 3.1           | Y           |               |              |           | 3.1           | mg/kg  | 6.5 mg/kg   |
| RY361-B      | 10FC-RY361-B-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | ZINC          | 3.7           | Y           |               |              |           | 3.7           | mg/kg  | 197 mg/kg   |
| RY361-B      | 10FC-RY361-B-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | CALCIUM       | 312           | Y           |               |              |           | 312           | mg/kg  | 12600 mg/kg |
| RY361-B      | 10FC-RY361-B-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | SELENIUM      | 2.2           | N           | U             |              | U         | 2.2           | mg/kg  | 2.2 mg/kg   |
| RY361-D      | 10FC-RY361-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | ALUMINUM      | 13.5          | Y           |               |              |           | 13.5          | mg/kg  | 2900 mg/kg  |
| RY361-D      | 10FC-RY361-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | ANTIMONY      | 4.1           | Y           | J-            | J-           | J         | 4.1           | mg/kg  | 3.1 mg/kg   |
| RY361-D      | 10FC-RY361-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | ARSENIC       | 0.68          | Y           |               |              |           | 0.68          | mg/kg  | 11.6 mg/kg  |
| RY361-D      | 10FC-RY361-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | BARIUM        | 13.5          | Y           |               |              |           | 13.5          | mg/kg  | 46.6 mg/kg  |
| RY361-D      | 10FC-RY361-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | IRON          | 6.8           | Y           |               |              |           | 6.8           | mg/kg  | 8950 mg/kg  |
| RY361-D      | 10FC-RY361-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | LEAD          | 0.68          | Y           |               |              |           | 0.68          | mg/kg  | 57 mg/kg    |
| RY361-D      | 10FC-RY361-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 338           | Y           |               |              |           | 338           | mg/kg  | 4370 mg/kg  |
| RY361-D      | 10FC-RY361-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | MANGANESE     | 1.0           | Y           |               |              |           | 1.0           | mg/kg  | 259 mg/kg   |
| RY361-D      | 10FC-RY361-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | NICKEL        | 2.7           | Y           |               |              |           | 2.7           | mg/kg  | 6.2 mg/kg   |
| RY361-D      | 10FC-RY361-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | POTASSIUM     | 338           | Y           |               |              |           | 338           | mg/kg  | 697 mg/kg   |
| RY361-D      | 10FC-RY361-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | SILVER        | 0.68          | N           | U             |              | U         | 0.68          | mg/kg  | 0.68 mg/kg  |
| RY361-D      | 10FC-RY361-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | SODIUM        | 338           | Y           | J             |              | J         | 338           | mg/kg  | 225 mg/kg   |
| RY361-D      | 10FC-RY361-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | THALLIUM      | 1.7           | N           | U             |              | U         | 1.7           | mg/kg  | 1.7 mg/kg   |
| RY361-D      | 10FC-RY361-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | BERYLLIUM     | 0.34          | Y           | J             |              | J         | 0.34          | mg/kg  | 0.21 mg/kg  |
| RY361-D      | 10FC-RY361-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | CADMIUM       | 0.34          | Y           |               |              |           | 0.34          | mg/kg  | 0.47 mg/kg  |
| RY361-D      | 10FC-RY361-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | CHROMIUM      | 0.68          | Y           |               |              |           | 0.68          | mg/kg  | 3.6 mg/kg   |
| RY361-D      | 10FC-RY361-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | COBALT        | 3.4           | Y           |               |              |           | 3.4           | mg/kg  | 3.5 mg/kg   |
| RY361-D      | 10FC-RY361-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | COPPER        | 1.7           | Y           |               |              |           | 1.7           | mg/kg  | 10.9 mg/kg  |



## Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY361-D      | 10FC-RY361-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | VANADIUM      | 3.4           | Y           |               |              |           | 3.4                 | mg/kg | 5.2    | mg/kg |
| RY361-D      | 10FC-RY361-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | ZINC          | 4.1           | Y           |               |              |           | 4.1                 | mg/kg | 109    | mg/kg |
| RY361-D      | 10FC-RY361-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | CALCIUM       | 338           | Y           |               |              |           | 338                 | mg/kg | 17300  | mg/kg |
| RY361-D      | 10FC-RY361-D-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | SELENIUM      | 2.4           | N           | U             |              | U         | 2.4                 | mg/kg | 2.4    | mg/kg |
| RY361-D      | 10FC-RY361-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | ALUMINUM      | 12.8          | Y           |               |              |           | 12.8                | mg/kg | 3080   | mg/kg |
| RY361-D      | 10FC-RY361-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | ANTIMONY      | 3.8           | Y           | J-            | J-           |           | 3.8                 | mg/kg | 6.8    | mg/kg |
| RY361-D      | 10FC-RY361-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | ARSENIC       | 0.64          | Y           |               |              |           | 0.64                | mg/kg | 10.9   | mg/kg |
| RY361-D      | 10FC-RY361-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | BARIUM        | 12.8          | Y           |               |              |           | 12.8                | mg/kg | 48.8   | mg/kg |
| RY361-D      | 10FC-RY361-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | BERYLLIUM     | 0.32          | Y           | J             |              | J         | 0.32                | mg/kg | 0.24   | mg/kg |
| RY361-D      | 10FC-RY361-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CADMIUM       | 0.32          | Y           |               |              |           | 0.32                | mg/kg | 0.84   | mg/kg |
| RY361-D      | 10FC-RY361-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | IRON          | 6.4           | Y           |               |              |           | 6.4                 | mg/kg | 9210   | mg/kg |
| RY361-D      | 10FC-RY361-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | LEAD          | 0.64          | Y           |               |              |           | 0.64                | mg/kg | 99.7   | mg/kg |
| RY361-D      | 10FC-RY361-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 319           | Y           |               |              |           | 319                 | mg/kg | 4640   | mg/kg |
| RY361-D      | 10FC-RY361-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | MANGANESE     | 0.96          | Y           |               |              |           | 0.96                | mg/kg | 239    | mg/kg |
| RY361-D      | 10FC-RY361-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | NICKEL        | 2.6           | Y           |               |              |           | 2.6                 | mg/kg | 6.3    | mg/kg |
| RY361-D      | 10FC-RY361-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | POTASSIUM     | 319           | Y           |               |              |           | 319                 | mg/kg | 738    | mg/kg |
| RY361-D      | 10FC-RY361-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SILVER        | 0.64          | N           | U             |              | U         | 0.64                | mg/kg | 0.64   | mg/kg |
| RY361-D      | 10FC-RY361-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SODIUM        | 319           | Y           | J             |              | J         | 319                 | mg/kg | 129    | mg/kg |
| RY361-D      | 10FC-RY361-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | THALLIUM      | 1.6           | N           | U             |              | U         | 1.6                 | mg/kg | 1.6    | mg/kg |
| RY361-D      | 10FC-RY361-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CHROMIUM      | 0.64          | Y           |               |              |           | 0.64                | mg/kg | 4      | mg/kg |
| RY361-D      | 10FC-RY361-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | COBALT        | 3.2           | Y           |               |              |           | 3.2                 | mg/kg | 3.9    | mg/kg |
| RY361-D      | 10FC-RY361-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | COPPER        | 1.6           | Y           |               |              |           | 1.6                 | mg/kg | 11.1   | mg/kg |
| RY361-D      | 10FC-RY361-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | VANADIUM      | 3.2           | Y           |               |              |           | 3.2                 | mg/kg | 5.9    | mg/kg |
| RY361-D      | 10FC-RY361-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | ZINC          | 3.8           | Y           |               |              |           | 3.8                 | mg/kg | 154    | mg/kg |
| RY361-D      | 10FC-RY361-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CALCIUM       | 3190          | Y           |               |              |           | 3190                | mg/kg | 25000  | mg/kg |
| RY361-D      | 10FC-RY361-D-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SELENIUM      | 2.2           | N           | U             |              | U         | 2.2                 | mg/kg | 2.2    | mg/kg |
| RY361-F      | 10FC-RY361-F-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | ALUMINUM      | 13.3          | Y           |               |              |           | 13.3                | mg/kg | 5020   | mg/kg |
| RY361-F      | 10FC-RY361-F-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | ANTIMONY      | 4.0           | Y           | J-            | J-           |           | 4.0                 | mg/kg | 11.3   | mg/kg |
| RY361-F      | 10FC-RY361-F-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | ARSENIC       | 0.67          | Y           |               |              |           | 0.67                | mg/kg | 21.4   | mg/kg |
| RY361-F      | 10FC-RY361-F-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | BARIUM        | 13.3          | Y           |               |              |           | 13.3                | mg/kg | 81.9   | mg/kg |
| RY361-F      | 10FC-RY361-F-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | BERYLLIUM     | 0.33          | Y           | J             |              | J         | 0.33                | mg/kg | 0.3    | mg/kg |
| RY361-F      | 10FC-RY361-F-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | CADMIUM       | 0.33          | Y           |               |              |           | 0.33                | mg/kg | 1.8    | mg/kg |
| RY361-F      | 10FC-RY361-F-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | IRON          | 6.7           | Y           |               |              |           | 6.7                 | mg/kg | 12300  | mg/kg |
| RY361-F      | 10FC-RY361-F-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | LEAD          | 0.67          | Y           |               |              |           | 0.67                | mg/kg | 140    | mg/kg |
| RY361-F      | 10FC-RY361-F-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 333           | Y           |               |              |           | 333                 | mg/kg | 3220   | mg/kg |
| RY361-F      | 10FC-RY361-F-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | MANGANESE     | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 360    | mg/kg |
| RY361-F      | 10FC-RY361-F-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | NICKEL        | 2.7           | Y           |               |              |           | 2.7                 | mg/kg | 6.4    | mg/kg |
| RY361-F      | 10FC-RY361-F-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | POTASSIUM     | 333           | Y           |               |              |           | 333                 | mg/kg | 1010   | mg/kg |
| RY361-F      | 10FC-RY361-F-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | SILVER        | 0.67          | Y           | J             |              | J         | 0.67                | mg/kg | 0.11   | mg/kg |
| RY361-F      | 10FC-RY361-F-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | SODIUM        | 333           | Y           | J             |              | J         | 333                 | mg/kg | 123    | mg/kg |
| RY361-F      | 10FC-RY361-F-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | THALLIUM      | 1.7           | N           | U             |              | U         | 1.7                 | mg/kg | 1.7    | mg/kg |
| RY361-F      | 10FC-RY361-F-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | CHROMIUM      | 0.67          | Y           |               |              |           | 0.67                | mg/kg | 4.2    | mg/kg |
| RY361-F      | 10FC-RY361-F-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | COBALT        | 3.3           | Y           |               |              |           | 3.3                 | mg/kg | 4.5    | mg/kg |
| RY361-F      | 10FC-RY361-F-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | COPPER        | 1.7           | Y           |               |              |           | 1.7                 | mg/kg | 10.3   | mg/kg |
| RY361-F      | 10FC-RY361-F-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | VANADIUM      | 3.3           | Y           |               |              |           | 3.3                 | mg/kg | 9      | mg/kg |
| RY361-F      | 10FC-RY361-F-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | ZINC          | 4.0           | Y           |               |              |           | 4.0                 | mg/kg | 366    | mg/kg |
| RY361-F      | 10FC-RY361-F-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | CALCIUM       | 3330          | Y           |               |              |           | 3330                | mg/kg | 29600  | mg/kg |
| RY361-F      | 10FC-RY361-F-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | SELENIUM      | 2.3           | N           | U             |              | U         | 2.3                 | mg/kg | 2.3    | mg/kg |

## Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY361-F      | 10FC-RY361-F-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | ALUMINUM      | 13.9          | Y           |               |              |           | 13.9                | mg/kg | 3630   | mg/kg |
| RY361-F      | 10FC-RY361-F-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | ANTIMONY      | 4.2           | Y           | J-            | J-           |           | 4.2                 | mg/kg | 5.6    | mg/kg |
| RY361-F      | 10FC-RY361-F-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | ARSENIC       | 0.69          | Y           |               |              |           | 0.69                | mg/kg | 12.3   | mg/kg |
| RY361-F      | 10FC-RY361-F-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | BARIUM        | 13.9          | Y           |               |              |           | 13.9                | mg/kg | 74.7   | mg/kg |
| RY361-F      | 10FC-RY361-F-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | IRON          | 6.9           | Y           |               |              |           | 6.9                 | mg/kg | 11200  | mg/kg |
| RY361-F      | 10FC-RY361-F-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | LEAD          | 0.69          | Y           |               |              |           | 0.69                | mg/kg | 71.7   | mg/kg |
| RY361-F      | 10FC-RY361-F-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 346           | Y           |               |              |           | 346                 | mg/kg | 2450   | mg/kg |
| RY361-F      | 10FC-RY361-F-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | MANGANESE     | 1.0           | Y           |               |              |           | 1.0                 | mg/kg | 374    | mg/kg |
| RY361-F      | 10FC-RY361-F-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | NICKEL        | 2.8           | Y           |               |              |           | 2.8                 | mg/kg | 6.5    | mg/kg |
| RY361-F      | 10FC-RY361-F-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | POTASSIUM     | 346           | Y           |               |              |           | 346                 | mg/kg | 682    | mg/kg |
| RY361-F      | 10FC-RY361-F-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | SILVER        | 0.69          | N           | U             |              | U         | 0.69                | mg/kg | 0.69   | mg/kg |
| RY361-F      | 10FC-RY361-F-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | SODIUM        | 346           | Y           | J             |              | J         | 346                 | mg/kg | 93.1   | mg/kg |
| RY361-F      | 10FC-RY361-F-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | THALLIUM      | 1.7           | N           | U             |              | U         | 1.7                 | mg/kg | 1.7    | mg/kg |
| RY361-F      | 10FC-RY361-F-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | BERYLLIUM     | 0.35          | Y           | J             |              | J         | 0.35                | mg/kg | 0.24   | mg/kg |
| RY361-F      | 10FC-RY361-F-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | CADMIUM       | 0.35          | Y           |               |              |           | 0.35                | mg/kg | 0.74   | mg/kg |
| RY361-F      | 10FC-RY361-F-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | CHROMIUM      | 0.69          | Y           |               |              |           | 0.69                | mg/kg | 3.5    | mg/kg |
| RY361-F      | 10FC-RY361-F-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | COBALT        | 3.5           | Y           |               |              |           | 3.5                 | mg/kg | 3.9    | mg/kg |
| RY361-F      | 10FC-RY361-F-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | COPPER        | 1.7           | Y           |               |              |           | 1.7                 | mg/kg | 8.7    | mg/kg |
| RY361-F      | 10FC-RY361-F-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | VANADIUM      | 3.5           | Y           |               |              |           | 3.5                 | mg/kg | 6.5    | mg/kg |
| RY361-F      | 10FC-RY361-F-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | ZINC          | 4.2           | Y           |               |              |           | 4.2                 | mg/kg | 144    | mg/kg |
| RY361-F      | 10FC-RY361-F-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | CALCIUM       | 346           | Y           |               |              |           | 346                 | mg/kg | 13700  | mg/kg |
| RY361-F      | 10FC-RY361-F-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | SELENIUM      | 2.4           | N           | U             |              | U         | 2.4                 | mg/kg | 2.4    | mg/kg |
| RY361-F      | 10FC-RY361-F-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | ALUMINUM      | 12.6          | Y           |               |              |           | 12.6                | mg/kg | 3560   | mg/kg |
| RY361-F      | 10FC-RY361-F-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | ANTIMONY      | 3.8           | Y           | J-            | J-           |           | 3.8                 | mg/kg | 8.1    | mg/kg |
| RY361-F      | 10FC-RY361-F-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | ARSENIC       | 0.63          | Y           |               |              |           | 0.63                | mg/kg | 15     | mg/kg |
| RY361-F      | 10FC-RY361-F-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | BARIUM        | 12.6          | Y           |               |              |           | 12.6                | mg/kg | 60.4   | mg/kg |
| RY361-F      | 10FC-RY361-F-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | IRON          | 6.3           | Y           |               |              |           | 6.3                 | mg/kg | 9990   | mg/kg |
| RY361-F      | 10FC-RY361-F-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | LEAD          | 0.63          | Y           |               |              |           | 0.63                | mg/kg | 127    | mg/kg |
| RY361-F      | 10FC-RY361-F-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 315           | Y           |               |              |           | 315                 | mg/kg | 2110   | mg/kg |
| RY361-F      | 10FC-RY361-F-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | MANGANESE     | 0.94          | Y           |               |              |           | 0.94                | mg/kg | 270    | mg/kg |
| RY361-F      | 10FC-RY361-F-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | NICKEL        | 2.5           | Y           |               |              |           | 2.5                 | mg/kg | 5      | mg/kg |
| RY361-F      | 10FC-RY361-F-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | POTASSIUM     | 315           | Y           |               |              |           | 315                 | mg/kg | 723    | mg/kg |
| RY361-F      | 10FC-RY361-F-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SILVER        | 0.63          | Y           | J             |              | J         | 0.63                | mg/kg | 0.15   | mg/kg |
| RY361-F      | 10FC-RY361-F-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SODIUM        | 315           | Y           | J             |              | J         | 315                 | mg/kg | 107    | mg/kg |
| RY361-F      | 10FC-RY361-F-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | THALLIUM      | 1.6           | N           | U             |              | U         | 1.6                 | mg/kg | 1.6    | mg/kg |
| RY361-F      | 10FC-RY361-F-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | BERYLLIUM     | 0.31          | Y           | J             |              | J         | 0.31                | mg/kg | 0.23   | mg/kg |
| RY361-F      | 10FC-RY361-F-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CADMIUM       | 0.31          | Y           |               |              |           | 0.31                | mg/kg | 0.99   | mg/kg |
| RY361-F      | 10FC-RY361-F-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CHROMIUM      | 0.63          | Y           |               |              |           | 0.63                | mg/kg | 3.3    | mg/kg |
| RY361-F      | 10FC-RY361-F-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | COBALT        | 3.1           | Y           |               |              |           | 3.1                 | mg/kg | 3.3    | mg/kg |
| RY361-F      | 10FC-RY361-F-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | COPPER        | 1.6           | Y           |               |              |           | 1.6                 | mg/kg | 7.7    | mg/kg |
| RY361-F      | 10FC-RY361-F-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | VANADIUM      | 3.1           | Y           |               |              |           | 3.1                 | mg/kg | 5.9    | mg/kg |
| RY361-F      | 10FC-RY361-F-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | ZINC          | 3.8           | Y           |               |              |           | 3.8                 | mg/kg | 201    | mg/kg |
| RY361-F      | 10FC-RY361-F-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CALCIUM       | 315           | Y           |               |              |           | 315                 | mg/kg | 9250   | mg/kg |
| RY361-F      | 10FC-RY361-F-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SELENIUM      | 2.2           | N           | U             |              | U         | 2.2                 | mg/kg | 2.2    | mg/kg |
| RY366-A      | 10FC-RY366-A-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | ALUMINUM      | 15.5          | Y           |               |              |           | 15.5                | mg/kg | 6830   | mg/kg |
| RY366-A      | 10FC-RY366-A-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | ANTIMONY      | 4.7           | Y           | J-            | J-           |           | 4.7                 | mg/kg | 12.5   | mg/kg |
| RY366-A      | 10FC-RY366-A-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | ARSENIC       | 0.78          | Y           |               |              |           | 0.78                | mg/kg | 33.8   | mg/kg |
| RY366-A      | 10FC-RY366-A-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | BARIUM        | 15.5          | Y           |               |              |           | 15.5                | mg/kg | 147    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY366-A      | 10FC-RY366-A-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | IRON          | 7.8           | Y           |               |              |           | 7.8                 | mg/kg | 17500  | mg/kg |
| RY366-A      | 10FC-RY366-A-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | LEAD          | 0.78          | Y           |               |              |           | 0.78                | mg/kg | 280    | mg/kg |
| RY366-A      | 10FC-RY366-A-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 388           | Y           |               |              |           | 388                 | mg/kg | 3250   | mg/kg |
| RY366-A      | 10FC-RY366-A-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | MANGANESE     | 1.2           | Y           |               |              |           | 1.2                 | mg/kg | 553    | mg/kg |
| RY366-A      | 10FC-RY366-A-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | NICKEL        | 3.1           | Y           |               |              |           | 3.1                 | mg/kg | 8.4    | mg/kg |
| RY366-A      | 10FC-RY366-A-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | POTASSIUM     | 388           | Y           |               |              |           | 388                 | mg/kg | 1400   | mg/kg |
| RY366-A      | 10FC-RY366-A-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | SILVER        | 0.78          | Y           | J             |              | J         | 0.78                | mg/kg | 0.26   | mg/kg |
| RY366-A      | 10FC-RY366-A-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | SODIUM        | 388           | Y           | J             |              | J         | 388                 | mg/kg | 184    | mg/kg |
| RY366-A      | 10FC-RY366-A-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | THALLIUM      | 1.9           | N           | U             |              | U         | 1.9                 | mg/kg | 1.9    | mg/kg |
| RY366-A      | 10FC-RY366-A-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | BERYLLIUM     | 0.39          | Y           |               |              |           | 0.39                | mg/kg | 0.44   | mg/kg |
| RY366-A      | 10FC-RY366-A-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | CADMIUM       | 0.39          | Y           |               |              |           | 0.39                | mg/kg | 2.3    | mg/kg |
| RY366-A      | 10FC-RY366-A-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | CHROMIUM      | 0.78          | Y           |               |              |           | 0.78                | mg/kg | 7.1    | mg/kg |
| RY366-A      | 10FC-RY366-A-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | COBALT        | 3.9           | Y           |               |              |           | 3.9                 | mg/kg | 6.2    | mg/kg |
| RY366-A      | 10FC-RY366-A-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | COPPER        | 1.9           | Y           |               |              |           | 1.9                 | mg/kg | 18.6   | mg/kg |
| RY366-A      | 10FC-RY366-A-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | VANADIUM      | 3.9           | Y           |               |              |           | 3.9                 | mg/kg | 10.6   | mg/kg |
| RY366-A      | 10FC-RY366-A-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | ZINC          | 4.7           | Y           |               |              |           | 4.7                 | mg/kg | 400    | mg/kg |
| RY366-A      | 10FC-RY366-A-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | CALCIUM       | 388           | Y           |               |              |           | 388                 | mg/kg | 6420   | mg/kg |
| RY366-A      | 10FC-RY366-A-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | SELENIUM      | 2.7           | N           | U             |              | U         | 2.7                 | mg/kg | 2.7    | mg/kg |
| RY366-A      | 10FC-RY366-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | ALUMINUM      | 15.2          | Y           |               |              |           | 15.2                | mg/kg | 6570   | mg/kg |
| RY366-A      | 10FC-RY366-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | ANTIMONY      | 4.6           | Y           | J-            |              | J-        | 4.6                 | mg/kg | 15.3   | mg/kg |
| RY366-A      | 10FC-RY366-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | ARSENIC       | 0.76          | Y           |               |              |           | 0.76                | mg/kg | 26.4   | mg/kg |
| RY366-A      | 10FC-RY366-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | BARIUM        | 15.2          | Y           |               |              |           | 15.2                | mg/kg | 144    | mg/kg |
| RY366-A      | 10FC-RY366-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | IRON          | 7.6           | Y           |               |              |           | 7.6                 | mg/kg | 13900  | mg/kg |
| RY366-A      | 10FC-RY366-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | LEAD          | 0.76          | Y           |               |              |           | 0.76                | mg/kg | 319    | mg/kg |
| RY366-A      | 10FC-RY366-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 380           | Y           |               |              |           | 380                 | mg/kg | 2740   | mg/kg |
| RY366-A      | 10FC-RY366-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | MANGANESE     | 1.1           | Y           |               |              |           | 1.1                 | mg/kg | 498    | mg/kg |
| RY366-A      | 10FC-RY366-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | NICKEL        | 3.0           | Y           |               |              |           | 3.0                 | mg/kg | 7.7    | mg/kg |
| RY366-A      | 10FC-RY366-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | POTASSIUM     | 380           | Y           |               |              |           | 380                 | mg/kg | 1300   | mg/kg |
| RY366-A      | 10FC-RY366-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | SILVER        | 0.76          | Y           |               |              |           | 0.76                | mg/kg | 1      | mg/kg |
| RY366-A      | 10FC-RY366-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | SODIUM        | 380           | Y           | J             |              | J         | 380                 | mg/kg | 166    | mg/kg |
| RY366-A      | 10FC-RY366-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | THALLIUM      | 1.9           | N           | U             |              | U         | 1.9                 | mg/kg | 1.9    | mg/kg |
| RY366-A      | 10FC-RY366-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | BERYLLIUM     | 0.38          | Y           | J             |              | J         | 0.38                | mg/kg | 0.37   | mg/kg |
| RY366-A      | 10FC-RY366-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | CADMIUM       | 0.38          | Y           |               |              |           | 0.38                | mg/kg | 2.4    | mg/kg |
| RY366-A      | 10FC-RY366-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | CHROMIUM      | 0.76          | Y           |               |              |           | 0.76                | mg/kg | 6.6    | mg/kg |
| RY366-A      | 10FC-RY366-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | COBALT        | 3.8           | Y           |               |              |           | 3.8                 | mg/kg | 5.6    | mg/kg |
| RY366-A      | 10FC-RY366-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | COPPER        | 1.9           | Y           |               |              |           | 1.9                 | mg/kg | 20     | mg/kg |
| RY366-A      | 10FC-RY366-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | VANADIUM      | 3.8           | Y           |               |              |           | 3.8                 | mg/kg | 10     | mg/kg |
| RY366-A      | 10FC-RY366-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | ZINC          | 4.6           | Y           |               |              |           | 4.6                 | mg/kg | 404    | mg/kg |
| RY366-A      | 10FC-RY366-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | CALCIUM       | 380           | Y           |               |              |           | 380                 | mg/kg | 6160   | mg/kg |
| RY366-A      | 10FC-RY366-A-002006 | 7/28/2010   | N           | 2           | 6         | in         | C200.7          | 10/4/2010     | SELENIUM      | 2.7           | N           | U             |              | U         | 2.7                 | mg/kg | 2.7    | mg/kg |
| RY366-A      | 10FC-RY366-A-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | ALUMINUM      | 14.9          | Y           |               |              |           | 14.9                | mg/kg | 7620   | mg/kg |
| RY366-A      | 10FC-RY366-A-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | ANTIMONY      | 4.5           | Y           | J-            |              | J-        | 4.5                 | mg/kg | 26.3   | mg/kg |
| RY366-A      | 10FC-RY366-A-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | ARSENIC       | 0.74          | Y           |               |              |           | 0.74                | mg/kg | 43.7   | mg/kg |
| RY366-A      | 10FC-RY366-A-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | BARIUM        | 14.9          | Y           |               |              |           | 14.9                | mg/kg | 154    | mg/kg |
| RY366-A      | 10FC-RY366-A-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | IRON          | 7.4           | Y           |               |              |           | 7.4                 | mg/kg | 15400  | mg/kg |
| RY366-A      | 10FC-RY366-A-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | LEAD          | 0.74          | Y           |               |              |           | 0.74                | mg/kg | 592    | mg/kg |
| RY366-A      | 10FC-RY366-A-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 371           | Y           |               |              |           | 371                 | mg/kg | 3180   | mg/kg |
| RY366-A      | 10FC-RY366-A-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | MANGANESE     | 1.1           | Y           |               |              |           | 1.1                 | mg/kg | 583    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY366-A      | 10FC-RY366-A-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | NICKEL        | 3.0           | Y           |               |              |           | 3.0                 | mg/kg | 8.7    | mg/kg |
| RY366-A      | 10FC-RY366-A-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | POTASSIUM     | 371           | Y           |               |              |           | 371                 | mg/kg | 1410   | mg/kg |
| RY366-A      | 10FC-RY366-A-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SILVER        | 0.74          | Y           |               |              |           | 0.74                | mg/kg | 2.7    | mg/kg |
| RY366-A      | 10FC-RY366-A-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SODIUM        | 371           | Y           | J             |              | J         | 371                 | mg/kg | 182    | mg/kg |
| RY366-A      | 10FC-RY366-A-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | THALLIUM      | 1.9           | N           | U             |              | U         | 1.9                 | mg/kg | 1.9    | mg/kg |
| RY366-A      | 10FC-RY366-A-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | BERYLLIUM     | 0.37          | Y           |               |              |           | 0.37                | mg/kg | 0.44   | mg/kg |
| RY366-A      | 10FC-RY366-A-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CADMIUM       | 0.37          | Y           |               |              |           | 0.37                | mg/kg | 5.1    | mg/kg |
| RY366-A      | 10FC-RY366-A-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CHROMIUM      | 0.74          | Y           |               |              |           | 0.74                | mg/kg | 7.1    | mg/kg |
| RY366-A      | 10FC-RY366-A-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | COBALT        | 3.7           | Y           |               |              |           | 3.7                 | mg/kg | 6.5    | mg/kg |
| RY366-A      | 10FC-RY366-A-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | COPPER        | 1.9           | Y           |               |              |           | 1.9                 | mg/kg | 21     | mg/kg |
| RY366-A      | 10FC-RY366-A-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | VANADIUM      | 3.7           | Y           |               |              |           | 3.7                 | mg/kg | 11.1   | mg/kg |
| RY366-A      | 10FC-RY366-A-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | ZINC          | 4.5           | Y           |               |              |           | 4.5                 | mg/kg | 757    | mg/kg |
| RY366-A      | 10FC-RY366-A-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | CALCIUM       | 371           | Y           |               |              |           | 371                 | mg/kg | 5800   | mg/kg |
| RY366-A      | 10FC-RY366-A-006012 | 7/28/2010   | N           | 6           | 12        | in         | C200.7          | 10/4/2010     | SELENIUM      | 2.6           | N           | U             |              | U         | 2.6                 | mg/kg | 2.6    | mg/kg |
| RY366-B      | 10FC-RY366-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | ALUMINUM      | 14.4          | Y           |               |              |           | 14.4                | mg/kg | 6450   | mg/kg |
| RY366-B      | 10FC-RY366-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | ANTIMONY      | 4.3           | Y           | J-            | J-           | J         | 4.3                 | mg/kg | 3.9    | mg/kg |
| RY366-B      | 10FC-RY366-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | ARSENIC       | 0.72          | Y           |               |              |           | 0.72                | mg/kg | 11.9   | mg/kg |
| RY366-B      | 10FC-RY366-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | BARIUM        | 14.4          | Y           |               |              |           | 14.4                | mg/kg | 199    | mg/kg |
| RY366-B      | 10FC-RY366-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | IRON          | 7.2           | Y           |               |              |           | 7.2                 | mg/kg | 12500  | mg/kg |
| RY366-B      | 10FC-RY366-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | LEAD          | 0.72          | Y           |               |              |           | 0.72                | mg/kg | 141    | mg/kg |
| RY366-B      | 10FC-RY366-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | MAGNESIUM     | 361           | Y           |               |              |           | 361                 | mg/kg | 2920   | mg/kg |
| RY366-B      | 10FC-RY366-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | MANGANESE     | 1.1           | Y           |               |              |           | 1.1                 | mg/kg | 381    | mg/kg |
| RY366-B      | 10FC-RY366-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | NICKEL        | 2.9           | Y           |               |              |           | 2.9                 | mg/kg | 7.8    | mg/kg |
| RY366-B      | 10FC-RY366-B-000002 | 7/28/2010   | N           | 0           | 2         | in         | C200.7          | 10/4/2010     | POTASSIUM     | 361           | Y           |               |              |           | 361                 | mg/kg | 1650   | mg/kg |
| RY480-G      | 10FC-RY480-G-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | ANTIMONY      | 3.7           | Y           | J-            | J-           | J         | 3.7                 | mg/kg | 2.1    | mg/kg |
| RY480-G      | 10FC-RY480-G-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | ARSENIC       | 0.61          | Y           | J-            | J-           |           | 0.61                | mg/kg | 6.4    | mg/kg |
| RY480-G      | 10FC-RY480-G-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | BARIUM        | 12.2          | Y           |               |              |           | 12.2                | mg/kg | 55.4   | mg/kg |
| RY480-G      | 10FC-RY480-G-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | BERYLLIUM     | 0.31          | Y           | J-            | J-           | J         | 0.31                | mg/kg | 0.22   | mg/kg |
| RY480-G      | 10FC-RY480-G-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | CADMIUM       | 0.31          | Y           | J             | J            |           | 0.31                | mg/kg | 0.33   | mg/kg |
| RY480-G      | 10FC-RY480-G-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | CHROMIUM      | 0.61          | Y           |               |              |           | 0.61                | mg/kg | 7.9    | mg/kg |
| RY480-G      | 10FC-RY480-G-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | COBALT        | 3.1           | Y           |               |              |           | 3.1                 | mg/kg | 3.3    | mg/kg |
| RY480-G      | 10FC-RY480-G-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | COPPER        | 1.5           | Y           |               |              |           | 1.5                 | mg/kg | 12.4   | mg/kg |
| RY480-G      | 10FC-RY480-G-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | VANADIUM      | 3.1           | Y           |               |              |           | 3.1                 | mg/kg | 6.7    | mg/kg |
| RY480-G      | 10FC-RY480-G-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | ZINC          | 3.7           | Y           | J-            | J-           |           | 3.7                 | mg/kg | 94.4   | mg/kg |
| RY480-G      | 10FC-RY480-G-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | CALCIUM       | 306           | Y           |               |              |           | 306                 | mg/kg | 9510   | mg/kg |
| RY480-G      | 10FC-RY480-G-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | SELENIUM      | 2.1           | N           | UJ            | UJ           | U         | 2.1                 | mg/kg | 2.1    | mg/kg |
| RY480-G      | 10FC-RY480-G-002006 | 7/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | ALUMINUM      | 11.8          | Y           |               |              |           | 11.8                | mg/kg | 3170   | mg/kg |
| RY480-G      | 10FC-RY480-G-002006 | 7/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | IRON          | 5.9           | Y           |               |              |           | 5.9                 | mg/kg | 7400   | mg/kg |
| RY480-G      | 10FC-RY480-G-002006 | 7/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | LEAD          | 0.59          | Y           | J             | J            |           | 0.59                | mg/kg | 117    | mg/kg |
| RY480-G      | 10FC-RY480-G-002006 | 7/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | MAGNESIUM     | 296           | Y           |               |              |           | 296                 | mg/kg | 4120   | mg/kg |
| RY480-G      | 10FC-RY480-G-002006 | 7/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | MANGANESE     | 0.89          | Y           |               |              |           | 0.89                | mg/kg | 175    | mg/kg |
| RY480-G      | 10FC-RY480-G-002006 | 7/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | NICKEL        | 2.4           | Y           |               |              |           | 2.4                 | mg/kg | 6.3    | mg/kg |
| RY480-G      | 10FC-RY480-G-002006 | 7/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | POTASSIUM     | 296           | Y           |               |              |           | 296                 | mg/kg | 682    | mg/kg |
| RY480-G      | 10FC-RY480-G-002006 | 7/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | SILVER        | 0.59          | N           | UJ            | UJ           | U         | 0.59                | mg/kg | 0.59   | mg/kg |
| RY480-G      | 10FC-RY480-G-002006 | 7/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | SODIUM        | 296           | Y           | J             |              | J         | 296                 | mg/kg | 130    | mg/kg |
| RY480-G      | 10FC-RY480-G-002006 | 7/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | THALLIUM      | 1.5           | N           | UJ            | UJ           | U         | 1.5                 | mg/kg | 1.5    | mg/kg |
| RY480-G      | 10FC-RY480-G-002006 | 7/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | ANTIMONY      | 3.5           | Y           | J-            | J-           | J         | 3.5                 | mg/kg | 1.6    | mg/kg |
| RY480-G      | 10FC-RY480-G-002006 | 7/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | ARSENIC       | 0.59          | Y           | J-            | J-           |           | 0.59                | mg/kg | 5.4    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY480-G      | 10FC-RY480-G-002006 | 7/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | BARIUM        | 11.8          | Y           |               |              |           | 11.8          | mg/kg | 46.4   | mg/kg |
| RY480-G      | 10FC-RY480-G-002006 | 7/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | BERYLLIUM     | 0.30          | Y           | J-            | J-           | J         | 0.30          | mg/kg | 0.22   | mg/kg |
| RY480-G      | 10FC-RY480-G-002006 | 7/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | CADMIUM       | 0.30          | Y           | J             | J            |           | 0.30          | mg/kg | 0.37   | mg/kg |
| RY480-G      | 10FC-RY480-G-002006 | 7/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | CHROMIUM      | 0.59          | Y           |               |              |           | 0.59          | mg/kg | 7.6    | mg/kg |
| RY480-G      | 10FC-RY480-G-002006 | 7/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | COBALT        | 3.0           | Y           |               |              |           | 3.0           | mg/kg | 3.5    | mg/kg |
| RY480-G      | 10FC-RY480-G-002006 | 7/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | COPPER        | 1.5           | Y           |               |              |           | 1.5           | mg/kg | 10.5   | mg/kg |
| RY480-G      | 10FC-RY480-G-002006 | 7/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | VANADIUM      | 3.0           | Y           |               |              |           | 3.0           | mg/kg | 5.6    | mg/kg |
| RY480-G      | 10FC-RY480-G-002006 | 7/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | ZINC          | 3.5           | Y           | J-            | J-           |           | 3.5           | mg/kg | 71.4   | mg/kg |
| RY480-G      | 10FC-RY480-G-002006 | 7/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | CALCIUM       | 296           | Y           |               |              |           | 296           | mg/kg | 8950   | mg/kg |
| RY480-G      | 10FC-RY480-G-002006 | 7/22/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | SELENIUM      | 2.1           | N           | UJ            | UJ           | U         | 2.1           | mg/kg | 2.1    | mg/kg |
| RY480-G      | 10FC-RY480-G-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | ALUMINUM      | 11.8          | Y           |               |              |           | 11.8          | mg/kg | 3090   | mg/kg |
| RY480-G      | 10FC-RY480-G-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | IRON          | 5.9           | Y           |               |              |           | 5.9           | mg/kg | 8260   | mg/kg |
| RY480-G      | 10FC-RY480-G-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | LEAD          | 0.59          | Y           | J             | J            |           | 0.59          | mg/kg | 114    | mg/kg |
| RY480-G      | 10FC-RY480-G-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | MAGNESIUM     | 296           | Y           |               |              |           | 296           | mg/kg | 3980   | mg/kg |
| RY480-G      | 10FC-RY480-G-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | MANGANESE     | 0.89          | Y           |               |              |           | 0.89          | mg/kg | 194    | mg/kg |
| RY480-G      | 10FC-RY480-G-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | NICKEL        | 2.4           | Y           |               |              |           | 2.4           | mg/kg | 6.5    | mg/kg |
| RY480-G      | 10FC-RY480-G-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | POTASSIUM     | 296           | Y           |               |              |           | 296           | mg/kg | 679    | mg/kg |
| RY480-G      | 10FC-RY480-G-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | SILVER        | 0.59          | N           | UJ            | UJ           | U         | 0.59          | mg/kg | 0.59   | mg/kg |
| RY480-G      | 10FC-RY480-G-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | SODIUM        | 296           | Y           | J             |              | J         | 296           | mg/kg | 137    | mg/kg |
| RY480-G      | 10FC-RY480-G-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | THALLIUM      | 1.5           | N           | UJ            |              | U         | 1.5           | mg/kg | 1.5    | mg/kg |
| RY480-G      | 10FC-RY480-G-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | ANTIMONY      | 3.5           | Y           | J-            | J-           | J         | 3.5           | mg/kg | 2.3    | mg/kg |
| RY480-G      | 10FC-RY480-G-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | ARSENIC       | 0.59          | Y           | J-            | J-           |           | 0.59          | mg/kg | 6.4    | mg/kg |
| RY480-G      | 10FC-RY480-G-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | BARIUM        | 11.8          | Y           |               |              |           | 11.8          | mg/kg | 45.2   | mg/kg |
| RY480-G      | 10FC-RY480-G-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | BERYLLIUM     | 0.30          | Y           | J-            | J-           | J         | 0.30          | mg/kg | 0.21   | mg/kg |
| RY480-G      | 10FC-RY480-G-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | CADMIUM       | 0.30          | Y           | J             | J            | J         | 0.30          | mg/kg | 0.23   | mg/kg |
| RY480-G      | 10FC-RY480-G-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | CHROMIUM      | 0.59          | Y           |               |              |           | 0.59          | mg/kg | 7      | mg/kg |
| RY480-G      | 10FC-RY480-G-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | COBALT        | 3.0           | Y           |               |              |           | 3.0           | mg/kg | 3.5    | mg/kg |
| RY480-G      | 10FC-RY480-G-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | COPPER        | 1.5           | Y           |               |              |           | 1.5           | mg/kg | 13     | mg/kg |
| RY480-G      | 10FC-RY480-G-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | VANADIUM      | 3.0           | Y           |               |              |           | 3.0           | mg/kg | 5.4    | mg/kg |
| RY480-G      | 10FC-RY480-G-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | ZINC          | 3.5           | Y           | J-            | J-           |           | 3.5           | mg/kg | 66.4   | mg/kg |
| RY480-G      | 10FC-RY480-G-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | CALCIUM       | 296           | Y           |               |              |           | 296           | mg/kg | 8730   | mg/kg |
| RY480-G      | 10FC-RY480-G-006012 | 7/22/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | SELENIUM      | 2.1           | N           | UJ            | UJ           | U         | 2.1           | mg/kg | 2.1    | mg/kg |
| RY483-A      | 10FC-RY483-A-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | ALUMINUM      | 13.6          | Y           |               |              |           | 13.6          | mg/kg | 8400   | mg/kg |
| RY483-A      | 10FC-RY483-A-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | IRON          | 6.8           | Y           |               |              |           | 6.8           | mg/kg | 10800  | mg/kg |
| RY483-A      | 10FC-RY483-A-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | LEAD          | 0.68          | Y           | J             | J            |           | 0.68          | mg/kg | 378    | mg/kg |
| RY483-A      | 10FC-RY483-A-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | MAGNESIUM     | 341           | Y           |               |              |           | 341           | mg/kg | 2660   | mg/kg |
| RY483-A      | 10FC-RY483-A-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | MANGANESE     | 1.0           | Y           |               |              |           | 1.0           | mg/kg | 322    | mg/kg |
| RY483-A      | 10FC-RY483-A-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | NICKEL        | 2.7           | Y           |               |              |           | 2.7           | mg/kg | 6.8    | mg/kg |
| RY483-A      | 10FC-RY483-A-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | POTASSIUM     | 341           | Y           |               |              |           | 341           | mg/kg | 812    | mg/kg |
| RY483-A      | 10FC-RY483-A-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | SILVER        | 0.68          | N           | UJ            | UJ           | U         | 0.68          | mg/kg | 0.68   | mg/kg |
| RY483-A      | 10FC-RY483-A-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | SODIUM        | 341           | Y           | J             |              | J         | 341           | mg/kg | 183    | mg/kg |
| RY483-A      | 10FC-RY483-A-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | THALLIUM      | 1.7           | N           | UJ            |              | U         | 1.7           | mg/kg | 1.7    | mg/kg |
| RY483-A      | 10FC-RY483-A-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | ANTIMONY      | 4.1           | Y           | J-            | J-           | J         | 4.1           | mg/kg | 2.3    | mg/kg |
| RY483-A      | 10FC-RY483-A-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | ARSENIC       | 0.68          | Y           | J-            | J-           |           | 0.68          | mg/kg | 5.5    | mg/kg |
| RY483-A      | 10FC-RY483-A-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | BARIUM        | 13.6          | Y           |               |              |           | 13.6          | mg/kg | 204    | mg/kg |
| RY483-A      | 10FC-RY483-A-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | BERYLLIUM     | 0.34          | Y           | J-            | J-           |           | 0.34          | mg/kg | 0.43   | mg/kg |
| RY483-A      | 10FC-RY483-A-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | CADMIUM       | 0.34          | Y           | J             | J            |           | 0.34          | mg/kg | 0.44   | mg/kg |
| RY483-A      | 10FC-RY483-A-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | CHROMIUM      | 0.68          | Y           |               |              |           | 0.68          | mg/kg | 6.7    | mg/kg |

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| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY483-A      | 10FC-RY483-A-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | COBALT        | 3.4                 | Y           |               |              |           | 3.4                 | mg/kg | 5.5    | mg/kg |
| RY483-A      | 10FC-RY483-A-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | COPPER        | 1.7                 | Y           |               |              |           | 1.7                 | mg/kg | 11.6   | mg/kg |
| RY483-A      | 10FC-RY483-A-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | VANADIUM      | 3.4                 | Y           |               |              |           | 3.4                 | mg/kg | 14.9   | mg/kg |
| RY483-A      | 10FC-RY483-A-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | ZINC          | 4.1                 | Y           | J-            | J-           |           | 4.1                 | mg/kg | 241    | mg/kg |
| RY483-A      | 10FC-RY483-A-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | CALCIUM       | 341                 | Y           |               |              |           | 341                 | mg/kg | 3090   | mg/kg |
| RY483-A      | 10FC-RY483-A-000002 | 7/22/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | SELENIUM      | 2.4                 | N           | UJ            | UJ           | U         | 2.4                 | mg/kg | 2.4    | mg/kg |
| RY483-A      | 10FC-RY483-A-002006 |             | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | ALUMINUM      | 12.6                | Y           |               |              |           | 12.6                | mg/kg | 9110   | mg/kg |
| RY483-A      | 10FC-RY483-A-002006 |             | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | IRON          | 6.3                 | Y           |               |              |           | 6.3                 | mg/kg | 10600  | mg/kg |
| RY483-A      | 10FC-RY483-A-002006 |             | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | LEAD          | 0.63                | Y           | J             | J            |           | 0.63                | mg/kg | 296    | mg/kg |
| RY483-A      | 10FC-RY483-A-002006 |             | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | MAGNESIUM     | 315                 | Y           |               |              |           | 315                 | mg/kg | 2590   | mg/kg |
| RY483-A      | 10FC-RY483-A-002006 |             | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | MANGANESE     | 0.94                | Y           |               |              |           | 0.94                | mg/kg | 340    | mg/kg |
| RY483-A      | 10FC-RY483-A-002006 |             | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | NICKEL        | 2.5                 | Y           |               |              |           | 2.5                 | mg/kg | 6.2    | mg/kg |
| RY483-A      | 10FC-RY483-A-002006 |             | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | POTASSIUM     | 315                 | Y           |               |              |           | 315                 | mg/kg | 726    | mg/kg |
| RY483-A      | 10FC-RY483-A-002006 |             | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | SILVER        | 0.63                | N           | UJ            | UJ           | U         | 0.63                | mg/kg | 0.63   | mg/kg |
| RY483-A      | 10FC-RY483-A-002006 |             | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | SODIUM        | 315                 | Y           | J             |              | J         | 315                 | mg/kg | 201    | mg/kg |
| RY483-A      | 10FC-RY483-A-002006 |             | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | THALLIUM      | 1.6                 | N           | UJ            | UJ           | U         | 1.6                 | mg/kg | 1.6    | mg/kg |
| RY483-A      | 10FC-RY483-A-002006 |             | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | ANTIMONY      | 3.8                 | Y           | J-            | J-           | J         | 3.8                 | mg/kg | 2.4    | mg/kg |
| RY483-A      | 10FC-RY483-A-002006 |             | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | ARSENIC       | 0.63                | Y           | J-            | J-           |           | 0.63                | mg/kg | 4.7    | mg/kg |
| RY483-A      | 10FC-RY483-A-002006 |             | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | BARIUM        | 12.6                | Y           |               |              |           | 12.6                | mg/kg | 193    | mg/kg |
| RY483-A      | 10FC-RY483-A-002006 |             | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | BERYLLIUM     | 0.31                | Y           | J-            | J-           |           | 0.31                | mg/kg | 0.43   | mg/kg |
| RY483-A      | 10FC-RY483-A-002006 |             | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | CADMIUM       | 0.31                | Y           | J             | J            |           | 0.31                | mg/kg | 0.33   | mg/kg |
| RY483-A      | 10FC-RY483-A-002006 |             | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | CHROMIUM      | 0.63                | Y           |               |              |           | 0.63                | mg/kg | 6.1    | mg/kg |
| RY483-A      | 10FC-RY483-A-002006 |             | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | COBALT        | 3.1                 | Y           |               |              |           | 3.1                 | mg/kg | 4.6    | mg/kg |
| RY483-A      | 10FC-RY483-A-002006 |             | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | COPPER        | 1.6                 | Y           |               |              |           | 1.6                 | mg/kg | 9.3    | mg/kg |
| RY483-A      | 10FC-RY483-A-002006 |             | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | VANADIUM      | 3.1                 | Y           |               |              |           | 3.1                 | mg/kg | 14.8   | mg/kg |
| RY483-A      | 10FC-RY483-A-002006 |             | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | ZINC          | 3.8                 | Y           | J-            | J-           |           | 3.8                 | mg/kg | 369    | mg/kg |
| RY483-A      | 10FC-RY483-A-002006 |             | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | CALCIUM       | 315                 | Y           |               |              |           | 315                 | mg/kg | 2950   | mg/kg |
| RY483-A      | 10FC-RY483-A-002006 |             | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | SELENIUM      | 2.2                 | N           | UJ            | UJ           | U         | 2.2                 | mg/kg | 2.2    | mg/kg |
| RY498-E      | 10FC-RY498-E-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | ALUMINUM      | 14.0                | Y           |               |              |           | 14.0                | mg/kg | 9650   | mg/kg |
| RY498-E      | 10FC-RY498-E-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | IRON          | 7.0                 | Y           |               |              |           | 7.0                 | mg/kg | 9930   | mg/kg |
| RY498-E      | 10FC-RY498-E-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | LEAD          | 0.70                | Y           | J             | J            |           | 0.70                | mg/kg | 167    | mg/kg |
| RY498-E      | 10FC-RY498-E-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | MAGNESIUM     | 349                 | Y           |               |              |           | 349                 | mg/kg | 2030   | mg/kg |
| RY498-E      | 10FC-RY498-E-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | MANGANESE     | 1.0                 | Y           |               |              |           | 1.0                 | mg/kg | 500    | mg/kg |
| RY498-E      | 10FC-RY498-E-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | NICKEL        | 2.8                 | Y           |               |              |           | 2.8                 | mg/kg | 6.2    | mg/kg |
| RY498-E      | 10FC-RY498-E-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | POTASSIUM     | 349                 | Y           |               |              |           | 349                 | mg/kg | 1460   | mg/kg |
| RY498-E      | 10FC-RY498-E-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | SILVER        | 0.70                | N           | UJ            | UJ           | U         | 0.70                | mg/kg | 0.7    | mg/kg |
| RY498-E      | 10FC-RY498-E-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | SODIUM        | 349                 | Y           | J             |              | J         | 349                 | mg/kg | 244    | mg/kg |
| RY498-E      | 10FC-RY498-E-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | THALLIUM      | 1.7                 | N           | UJ            | UJ           | U         | 1.7                 | mg/kg | 1.7    | mg/kg |
| RY498-E      | 10FC-RY498-E-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | ANTIMONY      | 4.2                 | Y           | J-            | J-           | J         | 4.2                 | mg/kg | 1.5    | mg/kg |
| RY498-E      | 10FC-RY498-E-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | ARSENIC       | 0.70                | Y           | J-            | J-           |           | 0.70                | mg/kg | 9.1    | mg/kg |
| RY498-E      | 10FC-RY498-E-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | BARIUM        | 14.0                | Y           |               |              |           | 14.0                | mg/kg | 272    | mg/kg |
| RY498-E      | 10FC-RY498-E-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | BERYLLIUM     | 0.35                | Y           | J-            | J-           |           | 0.35                | mg/kg | 0.43   | mg/kg |
| RY498-E      | 10FC-RY498-E-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | CADMIUM       | 0.35                | Y           | J             | J            |           | 0.35                | mg/kg | 0.43   | mg/kg |
| RY498-E      | 10FC-RY498-E-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | CHROMIUM      | 0.70                | Y           |               |              |           | 0.70                | mg/kg | 8.6    | mg/kg |
| RY498-E      | 10FC-RY498-E-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | COBALT        | 3.5                 | Y           |               |              |           | 3.5                 | mg/kg | 3.9    | mg/kg |
| RY498-E      | 10FC-RY498-E-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | COPPER        | 1.7                 | Y           |               |              |           | 1.7                 | mg/kg | 28.7   | mg/kg |
| RY498-E      | 10FC-RY498-E-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | VANADIUM      | 3.5                 | Y           |               |              |           | 3.5                 | mg/kg | 12.5   | mg/kg |
| RY498-E      | 10FC-RY498-E-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | ZINC          | 4.2                 | Y           | J-            | J-           |           | 4.2                 | mg/kg | 210    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY498-E      | 10FC-RY498-E-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | CALCIUM       | 349           | Y           |               |              |           | 349                 | mg/kg | 4640   | mg/kg |
| RY498-E      | 10FC-RY498-E-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | SELENIUM      | 2.4           | N           | UJ            | UJ           | U         | 2.4                 | mg/kg | 2.4    | mg/kg |
| RY498-E      | 10FC-RY498-E-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | ALUMINUM      | 12.4          | Y           |               |              |           | 12.4                | mg/kg | 7330   | mg/kg |
| RY498-E      | 10FC-RY498-E-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | IRON          | 6.2           | Y           |               |              |           | 6.2                 | mg/kg | 16900  | mg/kg |
| RY498-E      | 10FC-RY498-E-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | LEAD          | 0.62          | Y           | J             | J            |           | 0.62                | mg/kg | 63.1   | mg/kg |
| RY498-E      | 10FC-RY498-E-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | MAGNESIUM     | 309           | Y           |               |              |           | 309                 | mg/kg | 1320   | mg/kg |
| RY498-E      | 10FC-RY498-E-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | MANGANESE     | 0.93          | Y           |               |              |           | 0.93                | mg/kg | 381    | mg/kg |
| RY498-E      | 10FC-RY498-E-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | NICKEL        | 2.5           | Y           |               |              |           | 2.5                 | mg/kg | 11.3   | mg/kg |
| RY498-E      | 10FC-RY498-E-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | POTASSIUM     | 309           | Y           |               |              |           | 309                 | mg/kg | 1030   | mg/kg |
| RY498-E      | 10FC-RY498-E-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | SILVER        | 0.62          | N           | UJ            | UJ           | U         | 0.62                | mg/kg | 0.62   | mg/kg |
| RY498-E      | 10FC-RY498-E-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | SODIUM        | 309           | Y           | J             |              | J         | 309                 | mg/kg | 231    | mg/kg |
| RY498-E      | 10FC-RY498-E-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | THALLIUM      | 1.5           | N           | UJ            | UJ           | U         | 1.5                 | mg/kg | 1.5    | mg/kg |
| RY498-E      | 10FC-RY498-E-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | ANTIMONY      | 3.7           | Y           | J-            | J-           | J         | 3.7                 | mg/kg | 1.1    | mg/kg |
| RY498-E      | 10FC-RY498-E-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | ARSENIC       | 0.62          | Y           | J-            | J-           |           | 0.62                | mg/kg | 8.3    | mg/kg |
| RY498-E      | 10FC-RY498-E-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | BARIUM        | 12.4          | Y           |               |              |           | 12.4                | mg/kg | 187    | mg/kg |
| RY498-E      | 10FC-RY498-E-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | BERYLLIUM     | 0.31          | Y           | J-            | J-           |           | 0.31                | mg/kg | 0.38   | mg/kg |
| RY498-E      | 10FC-RY498-E-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | CADMIUM       | 0.31          | Y           | J             | J            |           | 0.31                | mg/kg | 6.1    | mg/kg |
| RY498-E      | 10FC-RY498-E-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | CHROMIUM      | 0.62          | Y           |               |              |           | 0.62                | mg/kg | 8      | mg/kg |
| RY498-E      | 10FC-RY498-E-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | COBALT        | 3.1           | Y           |               |              |           | 3.1                 | mg/kg | 3.7    | mg/kg |
| RY498-E      | 10FC-RY498-E-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | COPPER        | 1.5           | Y           |               |              |           | 1.5                 | mg/kg | 112    | mg/kg |
| RY498-E      | 10FC-RY498-E-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | VANADIUM      | 3.1           | Y           |               |              |           | 3.1                 | mg/kg | 9.1    | mg/kg |
| RY498-E      | 10FC-RY498-E-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | ZINC          | 3.7           | Y           | J-            | J-           |           | 3.7                 | mg/kg | 128    | mg/kg |
| RY498-E      | 10FC-RY498-E-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | CALCIUM       | 309           | Y           |               |              |           | 309                 | mg/kg | 2880   | mg/kg |
| RY498-E      | 10FC-RY498-E-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | SELENIUM      | 2.2           | N           | UJ            | UJ           | U         | 2.2                 | mg/kg | 2.2    | mg/kg |
| RY113-D      | 10FC-RY113-D-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | ALUMINUM      | 21.4          | Y           |               |              |           | 21.4                | mg/kg | 7210   | mg/kg |
| RY113-D      | 10FC-RY113-D-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | IRON          | 10.7          | Y           |               |              |           | 10.7                | mg/kg | 11800  | mg/kg |
| RY113-D      | 10FC-RY113-D-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | LEAD          | 1.1           | Y           |               |              |           | 1.1                 | mg/kg | 108    | mg/kg |
| RY113-D      | 10FC-RY113-D-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | MAGNESIUM     | 534           | Y           |               |              |           | 534                 | mg/kg | 4360   | mg/kg |
| RY113-D      | 10FC-RY113-D-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | MANGANESE     | 1.6           | Y           | J             | J            |           | 1.6                 | mg/kg | 378    | mg/kg |
| RY113-D      | 10FC-RY113-D-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | NICKEL        | 4.3           | Y           |               |              |           | 4.3                 | mg/kg | 7.2    | mg/kg |
| RY113-D      | 10FC-RY113-D-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | POTASSIUM     | 534           | Y           |               |              |           | 534                 | mg/kg | 1260   | mg/kg |
| RY113-D      | 10FC-RY113-D-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | SILVER        | 1.1           | N           | U             |              | U         | 1.1                 | mg/kg | 1.1    | mg/kg |
| RY113-D      | 10FC-RY113-D-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | SODIUM        | 534           | Y           | J             |              | J         | 534                 | mg/kg | 411    | mg/kg |
| RY113-D      | 10FC-RY113-D-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | THALLIUM      | 2.7           | N           | U             |              | U         | 2.7                 | mg/kg | 2.7    | mg/kg |
| RY113-D      | 10FC-RY113-D-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | ANTIMONY      | 6.4           | Y           | J             | J            |           | 6.4                 | mg/kg | 14.3   | mg/kg |
| RY113-D      | 10FC-RY113-D-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | ARSENIC       | 1.1           | Y           | J             | J            |           | 1.1                 | mg/kg | 16.9   | mg/kg |
| RY113-D      | 10FC-RY113-D-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | BARIUM        | 21.4          | Y           |               |              |           | 21.4                | mg/kg | 141    | mg/kg |
| RY113-D      | 10FC-RY113-D-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | BERYLLIUM     | 0.53          | Y           | J             |              | J         | 0.53                | mg/kg | 0.41   | mg/kg |
| RY113-D      | 10FC-RY113-D-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | CADMIUM       | 0.53          | Y           |               |              |           | 0.53                | mg/kg | 1.1    | mg/kg |
| RY113-D      | 10FC-RY113-D-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | CHROMIUM      | 1.1           | Y           |               |              |           | 1.1                 | mg/kg | 5.6    | mg/kg |
| RY113-D      | 10FC-RY113-D-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | COBALT        | 5.3           | Y           | J             |              | J         | 5.3                 | mg/kg | 4.8    | mg/kg |
| RY113-D      | 10FC-RY113-D-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | COPPER        | 2.7           | Y           |               |              |           | 2.7                 | mg/kg | 12     | mg/kg |
| RY113-D      | 10FC-RY113-D-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | VANADIUM      | 5.3           | Y           |               |              |           | 5.3                 | mg/kg | 12.6   | mg/kg |
| RY113-D      | 10FC-RY113-D-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | ZINC          | 6.4           | Y           | J             | J            |           | 6.4                 | mg/kg | 190    | mg/kg |
| RY113-D      | 10FC-RY113-D-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | CALCIUM       | 534           | Y           | J             | J            |           | 534                 | mg/kg | 8130   | mg/kg |
| RY113-D      | 10FC-RY113-D-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | SELENIUM      | 3.7           | N           | UJ            | UJ           | U         | 3.7                 | mg/kg | 3.7    | mg/kg |
| RY118-E      | 10FC-RY118-E-006012 | 7/13/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | ALUMINUM      | 13.4          | Y           |               |              |           | 13.4                | mg/kg | 6890   | mg/kg |
| RY118-E      | 10FC-RY118-E-006012 | 7/13/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | IRON          | 6.7           | Y           |               |              |           | 6.7                 | mg/kg | 9900   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY118-E      | 10FC-RY118-E-006012 | 7/13/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | LEAD          | 0.67          | Y           |               |              |           | 0.67          | mg/kg | 64.3   | mg/kg |
| RY118-E      | 10FC-RY118-E-006012 | 7/13/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | MAGNESIUM     | 334           | Y           |               |              |           | 334           | mg/kg | 4250   | mg/kg |
| RY118-E      | 10FC-RY118-E-006012 | 7/13/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | MANGANESE     | 1.0           | Y           | J             | J            |           | 1.0           | mg/kg | 305    | mg/kg |
| RY118-E      | 10FC-RY118-E-006012 | 7/13/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | NICKEL        | 2.7           | Y           |               |              |           | 2.7           | mg/kg | 7.7    | mg/kg |
| RY118-E      | 10FC-RY118-E-006012 | 7/13/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | POTASSIUM     | 334           | Y           |               |              |           | 334           | mg/kg | 1100   | mg/kg |
| RY118-E      | 10FC-RY118-E-006012 | 7/13/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | SILVER        | 0.67          | N           | U             |              | U         | 0.67          | mg/kg | 0.67   | mg/kg |
| RY118-E      | 10FC-RY118-E-006012 | 7/13/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | SODIUM        | 334           | Y           | J             |              | J         | 334           | mg/kg | 243    | mg/kg |
| RY118-E      | 10FC-RY118-E-006012 | 7/13/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | THALLIUM      | 1.7           | N           | U             |              | U         | 1.7           | mg/kg | 1.7    | mg/kg |
| RY118-E      | 10FC-RY118-E-006012 | 7/13/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | ANTIMONY      | 4.0           | Y           | J             | J            |           | 4.0           | mg/kg | 4.2    | mg/kg |
| RY118-E      | 10FC-RY118-E-006012 | 7/13/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | ARSENIC       | 0.67          | Y           | J             | J            |           | 0.67          | mg/kg | 5.4    | mg/kg |
| RY118-E      | 10FC-RY118-E-006012 | 7/13/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | BARIUM        | 13.4          | Y           |               |              |           | 13.4          | mg/kg | 150    | mg/kg |
| RY118-E      | 10FC-RY118-E-006012 | 7/13/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | BERYLLIUM     | 0.33          | Y           |               |              |           | 0.33          | mg/kg | 0.52   | mg/kg |
| RY118-E      | 10FC-RY118-E-006012 | 7/13/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | CADMIUM       | 0.33          | Y           |               |              |           | 0.33          | mg/kg | 0.44   | mg/kg |
| RY118-E      | 10FC-RY118-E-006012 | 7/13/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | CHROMIUM      | 0.67          | Y           |               |              |           | 0.67          | mg/kg | 7.4    | mg/kg |
| RY118-E      | 10FC-RY118-E-006012 | 7/13/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | COBALT        | 3.3           | Y           |               |              |           | 3.3           | mg/kg | 4.9    | mg/kg |
| RY118-E      | 10FC-RY118-E-006012 | 7/13/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | COPPER        | 1.7           | Y           |               |              |           | 1.7           | mg/kg | 12.9   | mg/kg |
| RY118-E      | 10FC-RY118-E-006012 | 7/13/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | VANADIUM      | 3.3           | Y           |               |              |           | 3.3           | mg/kg | 11.5   | mg/kg |
| RY118-E      | 10FC-RY118-E-006012 | 7/13/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | ZINC          | 4.0           | Y           | J             | J            |           | 4.0           | mg/kg | 45.6   | mg/kg |
| RY118-E      | 10FC-RY118-E-006012 | 7/13/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | CALCIUM       | 334           | Y           | J             | J            |           | 334           | mg/kg | 7230   | mg/kg |
| RY118-E      | 10FC-RY118-E-006012 | 7/13/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | SELENIUM      | 2.3           | N           | UJ            | UJ           | U         | 2.3           | mg/kg | 2.3    | mg/kg |
| RY118-G      | 10FC-RY118-G-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | ALUMINUM      | 13.9          | Y           |               |              |           | 13.9          | mg/kg | 6780   | mg/kg |
| RY118-G      | 10FC-RY118-G-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | IRON          | 6.9           | Y           |               |              |           | 6.9           | mg/kg | 9760   | mg/kg |
| RY118-G      | 10FC-RY118-G-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | LEAD          | 0.69          | Y           |               |              |           | 0.69          | mg/kg | 123    | mg/kg |
| RY118-G      | 10FC-RY118-G-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | MAGNESIUM     | 346           | Y           |               |              |           | 346           | mg/kg | 4410   | mg/kg |
| RY118-G      | 10FC-RY118-G-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | MANGANESE     | 1.0           | Y           | J             | J            |           | 1.0           | mg/kg | 366    | mg/kg |
| RY118-G      | 10FC-RY118-G-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | NICKEL        | 2.8           | Y           |               |              |           | 2.8           | mg/kg | 7.5    | mg/kg |
| RY118-G      | 10FC-RY118-G-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | POTASSIUM     | 346           | Y           |               |              |           | 346           | mg/kg | 1090   | mg/kg |
| RY118-G      | 10FC-RY118-G-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | SILVER        | 0.69          | Y           | J             |              | J         | 0.69          | mg/kg | 0.26   | mg/kg |
| RY118-G      | 10FC-RY118-G-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | SODIUM        | 346           | Y           | J             |              | J         | 346           | mg/kg | 258    | mg/kg |
| RY118-G      | 10FC-RY118-G-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | THALLIUM      | 1.7           | N           | U             |              | U         | 1.7           | mg/kg | 1.7    | mg/kg |
| RY118-G      | 10FC-RY118-G-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | ANTIMONY      | 4.2           | Y           | J             | J            |           | 4.2           | mg/kg | 7.4    | mg/kg |
| RY118-G      | 10FC-RY118-G-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | ARSENIC       | 0.69          | Y           | J             | J            |           | 0.69          | mg/kg | 6.1    | mg/kg |
| RY118-G      | 10FC-RY118-G-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | BARIUM        | 13.9          | Y           |               |              |           | 13.9          | mg/kg | 164    | mg/kg |
| RY118-G      | 10FC-RY118-G-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | BERYLLIUM     | 0.35          | Y           |               |              |           | 0.35          | mg/kg | 0.47   | mg/kg |
| RY118-G      | 10FC-RY118-G-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | CADMIUM       | 0.35          | Y           |               |              |           | 0.35          | mg/kg | 1.1    | mg/kg |
| RY118-G      | 10FC-RY118-G-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | CHROMIUM      | 0.69          | Y           |               |              |           | 0.69          | mg/kg | 6.2    | mg/kg |
| RY118-G      | 10FC-RY118-G-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | COBALT        | 3.5           | Y           |               |              |           | 3.5           | mg/kg | 5      | mg/kg |
| RY118-G      | 10FC-RY118-G-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | COPPER        | 1.7           | Y           |               |              |           | 1.7           | mg/kg | 13.5   | mg/kg |
| RY118-G      | 10FC-RY118-G-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | VANADIUM      | 3.5           | Y           |               |              |           | 3.5           | mg/kg | 11.5   | mg/kg |
| RY118-G      | 10FC-RY118-G-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | ZINC          | 4.2           | Y           | J             | J            |           | 4.2           | mg/kg | 74.8   | mg/kg |
| RY118-G      | 10FC-RY118-G-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | CALCIUM       | 346           | Y           | J             | J            |           | 346           | mg/kg | 8730   | mg/kg |
| RY118-G      | 10FC-RY118-G-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | SELENIUM      | 2.4           | N           | UJ            | UJ           | U         | 2.4           | mg/kg | 2.4    | mg/kg |
| RY118-G      | 10FC-RY118-G-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | ALUMINUM      | 15.1          | Y           |               |              |           | 15.1          | mg/kg | 6980   | mg/kg |
| RY118-G      | 10FC-RY118-G-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | IRON          | 7.6           | Y           |               |              |           | 7.6           | mg/kg | 9740   | mg/kg |
| RY118-G      | 10FC-RY118-G-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | LEAD          | 0.76          | Y           |               |              |           | 0.76          | mg/kg | 111    | mg/kg |
| RY118-G      | 10FC-RY118-G-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | MAGNESIUM     | 378           | Y           |               |              |           | 378           | mg/kg | 4000   | mg/kg |
| RY118-G      | 10FC-RY118-G-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | MANGANESE     | 1.1           | Y           | J             | J            |           | 1.1           | mg/kg | 360    | mg/kg |
| RY118-G      | 10FC-RY118-G-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | NICKEL        | 3.0           | Y           |               |              |           | 3.0           | mg/kg | 6.9    | mg/kg |



Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY118-G      | 10FC-RY118-G-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | POTASSIUM     | 378           | Y           |               |              |           | 378           | mg/kg | 1040   | mg/kg |
| RY118-G      | 10FC-RY118-G-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | SILVER        | 0.76          | Y           | J             |              | J         | 0.76          | mg/kg | 0.16   | mg/kg |
| RY118-G      | 10FC-RY118-G-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | SODIUM        | 378           | Y           | J             |              | J         | 378           | mg/kg | 248    | mg/kg |
| RY118-G      | 10FC-RY118-G-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | THALLIUM      | 1.9           | N           | U             |              | U         | 1.9           | mg/kg | 1.9    | mg/kg |
| RY118-G      | 10FC-RY118-G-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | ANTIMONY      | 4.5           | Y           | J             | J            |           | 4.5           | mg/kg | 7.6    | mg/kg |
| RY118-G      | 10FC-RY118-G-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | ARSENIC       | 0.76          | Y           | J             | J            |           | 0.76          | mg/kg | 6.1    | mg/kg |
| RY118-G      | 10FC-RY118-G-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | BARIUM        | 15.1          | Y           |               |              |           | 15.1          | mg/kg | 165    | mg/kg |
| RY118-G      | 10FC-RY118-G-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | BERYLLIUM     | 0.38          | Y           |               |              |           | 0.38          | mg/kg | 0.5    | mg/kg |
| RY118-G      | 10FC-RY118-G-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | CADMIUM       | 0.38          | Y           |               |              |           | 0.38          | mg/kg | 1      | mg/kg |
| RY118-G      | 10FC-RY118-G-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | CHROMIUM      | 0.76          | Y           |               |              |           | 0.76          | mg/kg | 6      | mg/kg |
| RY118-G      | 10FC-RY118-G-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | COBALT        | 3.8           | Y           |               |              |           | 3.8           | mg/kg | 4.8    | mg/kg |
| RY118-G      | 10FC-RY118-G-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | COPPER        | 1.9           | Y           |               |              |           | 1.9           | mg/kg | 12.1   | mg/kg |
| RY118-G      | 10FC-RY118-G-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | VANADIUM      | 3.8           | Y           |               |              |           | 3.8           | mg/kg | 11.6   | mg/kg |
| RY118-G      | 10FC-RY118-G-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | ZINC          | 4.5           | Y           | J             | J            |           | 4.5           | mg/kg | 73     | mg/kg |
| RY118-G      | 10FC-RY118-G-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | CALCIUM       | 378           | Y           | J             | J            |           | 378           | mg/kg | 6800   | mg/kg |
| RY118-G      | 10FC-RY118-G-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | SELENIUM      | 2.6           | N           | UJ            | UJ           | U         | 2.6           | mg/kg | 2.6    | mg/kg |
| RY118-O      | 10FC-RY118-O-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | ALUMINUM      | 11.6          | Y           |               |              |           | 11.6          | mg/kg | 2510   | mg/kg |
| RY118-O      | 10FC-RY118-O-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | ANTIMONY      | 3.5           | Y           | J             | J            |           | 3.5           | mg/kg | 321    | mg/kg |
| RY118-O      | 10FC-RY118-O-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | IRON          | 58.2          | Y           |               |              |           | 58.2          | mg/kg | 29300  | mg/kg |
| RY118-O      | 10FC-RY118-O-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | LEAD          | 5.8           | Y           |               |              |           | 5.8           | mg/kg | 3430   | mg/kg |
| RY118-O      | 10FC-RY118-O-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | MAGNESIUM     | 291           | Y           |               |              |           | 291           | mg/kg | 2650   | mg/kg |
| RY118-O      | 10FC-RY118-O-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | MANGANESE     | 8.7           | Y           | J             | J            |           | 8.7           | mg/kg | 1800   | mg/kg |
| RY118-O      | 10FC-RY118-O-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | NICKEL        | 2.3           | Y           |               |              |           | 2.3           | mg/kg | 4.8    | mg/kg |
| RY118-O      | 10FC-RY118-O-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | POTASSIUM     | 291           | Y           |               |              |           | 291           | mg/kg | 541    | mg/kg |
| RY118-O      | 10FC-RY118-O-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | SILVER        | 0.58          | Y           |               |              |           | 0.58          | mg/kg | 28.2   | mg/kg |
| RY118-O      | 10FC-RY118-O-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | SODIUM        | 291           | Y           | J             |              | J         | 291           | mg/kg | 241    | mg/kg |
| RY118-O      | 10FC-RY118-O-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | THALLIUM      | 1.5           | N           | U             |              | U         | 1.5           | mg/kg | 1.5    | mg/kg |
| RY118-O      | 10FC-RY118-O-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | ARSENIC       | 5.8           | Y           | J             | J            |           | 5.8           | mg/kg | 619    | mg/kg |
| RY118-O      | 10FC-RY118-O-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | BARIUM        | 11.6          | Y           |               |              |           | 11.6          | mg/kg | 35     | mg/kg |
| RY118-O      | 10FC-RY118-O-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | BERYLLIUM     | 0.29          | Y           | J             |              | J         | 0.29          | mg/kg | 0.24   | mg/kg |
| RY118-O      | 10FC-RY118-O-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | CADMIUM       | 0.29          | Y           |               |              |           | 0.29          | mg/kg | 33.9   | mg/kg |
| RY118-O      | 10FC-RY118-O-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | CHROMIUM      | 0.58          | Y           |               |              |           | 0.58          | mg/kg | 2.7    | mg/kg |
| RY118-O      | 10FC-RY118-O-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | COBALT        | 2.9           | Y           |               |              |           | 2.9           | mg/kg | 3.3    | mg/kg |
| RY118-O      | 10FC-RY118-O-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | COPPER        | 1.5           | Y           |               |              |           | 1.5           | mg/kg | 20.7   | mg/kg |
| RY118-O      | 10FC-RY118-O-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | VANADIUM      | 2.9           | Y           |               |              |           | 2.9           | mg/kg | 4.6    | mg/kg |
| RY118-O      | 10FC-RY118-O-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | ZINC          | 34.9          | Y           | J             | J            |           | 34.9          | mg/kg | 5490   | mg/kg |
| RY118-O      | 10FC-RY118-O-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | CALCIUM       | 291           | Y           | J             | J            |           | 291           | mg/kg | 3300   | mg/kg |
| RY118-O      | 10FC-RY118-O-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | SELENIUM      | 2.0           | N           | UJ            | UJ           | U         | 2.0           | mg/kg | 2      | mg/kg |
| RY118-O      | 10FC-RY118-O-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | ALUMINUM      | 12.3          | Y           |               |              |           | 12.3          | mg/kg | 5980   | mg/kg |
| RY118-O      | 10FC-RY118-O-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | IRON          | 6.1           | Y           |               |              |           | 6.1           | mg/kg | 16800  | mg/kg |
| RY118-O      | 10FC-RY118-O-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | LEAD          | 0.61          | Y           |               |              |           | 0.61          | mg/kg | 913    | mg/kg |
| RY118-O      | 10FC-RY118-O-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | MAGNESIUM     | 307           | Y           |               |              |           | 307           | mg/kg | 3670   | mg/kg |
| RY118-O      | 10FC-RY118-O-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | MANGANESE     | 0.92          | Y           | J             | J            |           | 0.92          | mg/kg | 897    | mg/kg |
| RY118-O      | 10FC-RY118-O-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | NICKEL        | 2.5           | Y           |               |              |           | 2.5           | mg/kg | 6.5    | mg/kg |
| RY118-O      | 10FC-RY118-O-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | POTASSIUM     | 307           | Y           |               |              |           | 307           | mg/kg | 859    | mg/kg |
| RY118-O      | 10FC-RY118-O-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | SILVER        | 0.61          | Y           |               |              |           | 0.61          | mg/kg | 8.4    | mg/kg |
| RY118-O      | 10FC-RY118-O-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | SODIUM        | 307           | Y           | J             |              | J         | 307           | mg/kg | 213    | mg/kg |
| RY118-O      | 10FC-RY118-O-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | THALLIUM      | 1.5           | N           | U             |              | U         | 1.5           | mg/kg | 1.5    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY118-O      | 10FC-RY118-O-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | ANTIMONY      | 3.7           | Y           | J             | J            |           | 3.7           | mg/kg | 105    | mg/kg |
| RY118-O      | 10FC-RY118-O-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | ARSENIC       | 0.61          | Y           | J             | J            |           | 0.61          | mg/kg | 172    | mg/kg |
| RY118-O      | 10FC-RY118-O-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | BARIUM        | 12.3          | Y           |               |              |           | 12.3          | mg/kg | 99     | mg/kg |
| RY118-O      | 10FC-RY118-O-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | BERYLLIUM     | 0.31          | Y           |               |              |           | 0.31          | mg/kg | 0.35   | mg/kg |
| RY118-O      | 10FC-RY118-O-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | CADMIUM       | 0.31          | Y           |               |              |           | 0.31          | mg/kg | 10.7   | mg/kg |
| RY118-O      | 10FC-RY118-O-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | CHROMIUM      | 0.61          | Y           |               |              |           | 0.61          | mg/kg | 4.2    | mg/kg |
| RY118-O      | 10FC-RY118-O-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | COBALT        | 3.1           | Y           |               |              |           | 3.1           | mg/kg | 4.7    | mg/kg |
| RY118-O      | 10FC-RY118-O-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | COPPER        | 1.5           | Y           |               |              |           | 1.5           | mg/kg | 22.9   | mg/kg |
| RY118-O      | 10FC-RY118-O-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | VANADIUM      | 3.1           | Y           |               |              |           | 3.1           | mg/kg | 9.1    | mg/kg |
| RY118-O      | 10FC-RY118-O-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | ZINC          | 3.7           | Y           | J             | J            |           | 3.7           | mg/kg | 1620   | mg/kg |
| RY118-O      | 10FC-RY118-O-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | CALCIUM       | 307           | Y           | J             | J            |           | 307           | mg/kg | 6890   | mg/kg |
| RY118-O      | 10FC-RY118-O-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | SELENIUM      | 2.1           | N           | UJ            | UJ           | U         | 2.1           | mg/kg | 2.1    | mg/kg |
| RY118-O      | 10FC-RY118-O-006012 | 7/13/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | ALUMINUM      | 11.3          | Y           |               |              |           | 11.3          | mg/kg | 6950   | mg/kg |
| RY118-O      | 10FC-RY118-O-006012 | 7/13/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | ANTIMONY      | 3.4           | Y           | J             | J            |           | 3.4           | mg/kg | 127    | mg/kg |
| RY118-O      | 10FC-RY118-O-006012 | 7/13/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | ARSENIC       | 0.57          | Y           | J             | J            |           | 0.57          | mg/kg | 404    | mg/kg |
| RY118-O      | 10FC-RY118-O-006012 | 7/13/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | BARIUM        | 11.3          | Y           |               |              |           | 11.3          | mg/kg | 112    | mg/kg |
| RY118-O      | 10FC-RY118-O-006012 | 7/13/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | BERYLLIUM     | 0.28          | Y           |               |              |           | 0.28          | mg/kg | 0.44   | mg/kg |
| RY118-O      | 10FC-RY118-O-006012 | 7/13/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | CADMIUM       | 0.28          | Y           |               |              |           | 0.28          | mg/kg | 12.2   | mg/kg |
| RY118-O      | 10FC-RY118-O-006012 | 7/13/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | CHROMIUM      | 0.57          | Y           |               |              |           | 0.57          | mg/kg | 4.3    | mg/kg |
| RY118-O      | 10FC-RY118-O-006012 | 7/13/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | COBALT        | 2.8           | Y           |               |              |           | 2.8           | mg/kg | 5.7    | mg/kg |
| RY118-O      | 10FC-RY118-O-006012 | 7/13/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | COPPER        | 1.4           | Y           |               |              |           | 1.4           | mg/kg | 15.9   | mg/kg |
| RY118-O      | 10FC-RY118-O-006012 | 7/13/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | CALCIUM       | 284           | Y           | J             | J            |           | 284           | mg/kg | 10800  | mg/kg |
| RY118-O      | 10FC-RY118-O-006012 | 7/13/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | IRON          | 56.7          | Y           |               |              |           | 56.7          | mg/kg | 21900  | mg/kg |
| RY118-O      | 10FC-RY118-O-006012 | 7/13/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | LEAD          | 0.57          | Y           |               |              |           | 0.57          | mg/kg | 1180   | mg/kg |
| RY118-O      | 10FC-RY118-O-006012 | 7/13/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | MAGNESIUM     | 284           | Y           |               |              |           | 284           | mg/kg | 3990   | mg/kg |
| RY118-O      | 10FC-RY118-O-006012 | 7/13/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | MANGANESE     | 0.85          | Y           | J             | J            |           | 0.85          | mg/kg | 1090   | mg/kg |
| RY118-O      | 10FC-RY118-O-006012 | 7/13/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | NICKEL        | 2.3           | Y           |               |              |           | 2.3           | mg/kg | 7.6    | mg/kg |
| RY118-O      | 10FC-RY118-O-006012 | 7/13/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | POTASSIUM     | 284           | Y           |               |              |           | 284           | mg/kg | 918    | mg/kg |
| RY118-O      | 10FC-RY118-O-006012 | 7/13/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | SILVER        | 0.57          | Y           |               |              |           | 0.57          | mg/kg | 6.7    | mg/kg |
| RY118-O      | 10FC-RY118-O-006012 | 7/13/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | SODIUM        | 284           | Y           | J             |              | J         | 284           | mg/kg | 160    | mg/kg |
| RY118-O      | 10FC-RY118-O-006012 | 7/13/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | THALLIUM      | 1.4           | N           | U             |              | U         | 1.4           | mg/kg | 1.4    | mg/kg |
| RY118-O      | 10FC-RY118-O-006012 | 7/13/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | VANADIUM      | 2.8           | Y           |               |              |           | 2.8           | mg/kg | 10.2   | mg/kg |
| RY118-O      | 10FC-RY118-O-006012 | 7/13/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | ZINC          | 34.0          | Y           | J             | J            |           | 34.0          | mg/kg | 2180   | mg/kg |
| RY118-O      | 10FC-RY118-O-006012 | 7/13/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | SELENIUM      | 2.0           | N           | UJ            | UJ           | U         | 2.0           | mg/kg | 2      | mg/kg |
| RY118-P      | 10FC-RY118-P-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | ALUMINUM      | 11.3          | Y           |               |              |           | 11.3          | mg/kg | 1440   | mg/kg |
| RY118-P      | 10FC-RY118-P-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | IRON          | 56.7          | Y           |               |              |           | 56.7          | mg/kg | 84900  | mg/kg |
| RY118-P      | 10FC-RY118-P-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | LEAD          | 5.7           | Y           |               |              |           | 5.7           | mg/kg | 13800  | mg/kg |
| RY118-P      | 10FC-RY118-P-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | MAGNESIUM     | 283           | Y           |               |              |           | 283           | mg/kg | 1780   | mg/kg |
| RY118-P      | 10FC-RY118-P-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | MANGANESE     | 8.5           | Y           | J             | J            |           | 8.5           | mg/kg | 4720   | mg/kg |
| RY118-P      | 10FC-RY118-P-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | NICKEL        | 2.3           | Y           |               |              |           | 2.3           | mg/kg | 4.7    | mg/kg |
| RY118-P      | 10FC-RY118-P-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | POTASSIUM     | 283           | Y           | J             |              | J         | 283           | mg/kg | 265    | mg/kg |
| RY118-P      | 10FC-RY118-P-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | SILVER        | 0.57          | Y           |               |              |           | 0.57          | mg/kg | 133    | mg/kg |
| RY118-P      | 10FC-RY118-P-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | SODIUM        | 283           | Y           | J             |              | J         | 283           | mg/kg | 240    | mg/kg |
| RY118-P      | 10FC-RY118-P-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | THALLIUM      | 1.4           | Y           | J             |              | J         | 1.4           | mg/kg | 0.32   | mg/kg |
| RY118-P      | 10FC-RY118-P-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | ANTIMONY      | 34.0          | Y           | J             | J            |           | 34.0          | mg/kg | 1870   | mg/kg |
| RY118-P      | 10FC-RY118-P-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | ARSENIC       | 5.7           | Y           | J             | J            |           | 5.7           | mg/kg | 1750   | mg/kg |
| RY118-P      | 10FC-RY118-P-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | BARIUM        | 11.3          | Y           |               |              |           | 11.3          | mg/kg | 32.5   | mg/kg |
| RY118-P      | 10FC-RY118-P-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | BERYLLIUM     | 0.28          | Y           |               |              |           | 0.28          | mg/kg | 0.43   | mg/kg |

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| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY118-P      | 10FC-RY118-P-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | CADMIUM       | 0.28          | Y           |               |              |           | 0.28          | mg/kg | 32.3   | mg/kg |
| RY118-P      | 10FC-RY118-P-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | CHROMIUM      | 0.57          | Y           |               |              |           | 0.57          | mg/kg | 1.4    | mg/kg |
| RY118-P      | 10FC-RY118-P-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | COBALT        | 2.8           | Y           |               |              |           | 2.8           | mg/kg | 4.2    | mg/kg |
| RY118-P      | 10FC-RY118-P-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | COPPER        | 1.4           | Y           |               |              |           | 1.4           | mg/kg | 150    | mg/kg |
| RY118-P      | 10FC-RY118-P-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | VANADIUM      | 2.8           | Y           |               |              |           | 2.8           | mg/kg | 4.3    | mg/kg |
| RY118-P      | 10FC-RY118-P-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | ZINC          | 34.0          | Y           | J             | J            |           | 34.0          | mg/kg | 5090   | mg/kg |
| RY118-P      | 10FC-RY118-P-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | CALCIUM       | 283           | Y           | J             | J            |           | 283           | mg/kg | 1140   | mg/kg |
| RY118-P      | 10FC-RY118-P-000002 | 7/13/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | SELENIUM      | 2.0           | N           | UJ            | UJ           | U         | 2.0           | mg/kg | 2      | mg/kg |
| RY118-P      | 10FC-RY118-P-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | ALUMINUM      | 12.9          | Y           |               |              |           | 12.9          | mg/kg | 3710   | mg/kg |
| RY118-P      | 10FC-RY118-P-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | ANTIMONY      | 3.9           | Y           | J             | J            |           | 3.9           | mg/kg | 494    | mg/kg |
| RY118-P      | 10FC-RY118-P-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | IRON          | 64.6          | Y           |               |              |           | 64.6          | mg/kg | 36100  | mg/kg |
| RY118-P      | 10FC-RY118-P-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | LEAD          | 6.5           | Y           |               |              |           | 6.5           | mg/kg | 3250   | mg/kg |
| RY118-P      | 10FC-RY118-P-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | MAGNESIUM     | 323           | Y           |               |              |           | 323           | mg/kg | 3450   | mg/kg |
| RY118-P      | 10FC-RY118-P-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | MANGANESE     | 9.7           | Y           | J             | J            |           | 9.7           | mg/kg | 2360   | mg/kg |
| RY118-P      | 10FC-RY118-P-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | NICKEL        | 2.6           | Y           |               |              |           | 2.6           | mg/kg | 6      | mg/kg |
| RY118-P      | 10FC-RY118-P-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | POTASSIUM     | 323           | Y           |               |              |           | 323           | mg/kg | 523    | mg/kg |
| RY118-P      | 10FC-RY118-P-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | SILVER        | 0.65          | Y           |               |              |           | 0.65          | mg/kg | 24.4   | mg/kg |
| RY118-P      | 10FC-RY118-P-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | SODIUM        | 323           | Y           | J             |              | J         | 323           | mg/kg | 182    | mg/kg |
| RY118-P      | 10FC-RY118-P-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | THALLIUM      | 1.6           | N           | U             |              | U         | 1.6           | mg/kg | 1.6    | mg/kg |
| RY118-P      | 10FC-RY118-P-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | ARSENIC       | 6.5           | Y           | J             | J            |           | 6.5           | mg/kg | 681    | mg/kg |
| RY118-P      | 10FC-RY118-P-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | BARIUM        | 12.9          | Y           |               |              |           | 12.9          | mg/kg | 69.4   | mg/kg |
| RY118-P      | 10FC-RY118-P-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | BERYLLIUM     | 0.32          | Y           |               |              |           | 0.32          | mg/kg | 0.33   | mg/kg |
| RY118-P      | 10FC-RY118-P-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | CADMIUM       | 0.32          | Y           |               |              |           | 0.32          | mg/kg | 33     | mg/kg |
| RY118-P      | 10FC-RY118-P-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | CHROMIUM      | 0.65          | Y           |               |              |           | 0.65          | mg/kg | 4.4    | mg/kg |
| RY118-P      | 10FC-RY118-P-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | COBALT        | 3.2           | Y           |               |              |           | 3.2           | mg/kg | 4.1    | mg/kg |
| RY118-P      | 10FC-RY118-P-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | COPPER        | 1.6           | Y           |               |              |           | 1.6           | mg/kg | 34.9   | mg/kg |
| RY118-P      | 10FC-RY118-P-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | VANADIUM      | 3.2           | Y           |               |              |           | 3.2           | mg/kg | 6.6    | mg/kg |
| RY118-P      | 10FC-RY118-P-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | ZINC          | 38.8          | Y           | J             | J            |           | 38.8          | mg/kg | 5870   | mg/kg |
| RY118-P      | 10FC-RY118-P-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | CALCIUM       | 323           | Y           | J             | J            |           | 323           | mg/kg | 6070   | mg/kg |
| RY118-P      | 10FC-RY118-P-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | SELENIUM      | 2.3           | N           | UJ            | UJ           | U         | 2.3           | mg/kg | 2.3    | mg/kg |
| RY118-P      | 10FC-RY118-P-006012 | 7/13/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | ALUMINUM      | 11.4          | Y           |               |              |           | 11.4          | mg/kg | 4070   | mg/kg |
| RY118-P      | 10FC-RY118-P-006012 | 7/13/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | ANTIMONY      | 3.4           | Y           | J             | J            |           | 3.4           | mg/kg | 567    | mg/kg |
| RY118-P      | 10FC-RY118-P-006012 | 7/13/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | IRON          | 57.2          | Y           |               |              |           | 57.2          | mg/kg | 45900  | mg/kg |
| RY118-P      | 10FC-RY118-P-006012 | 7/13/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | LEAD          | 5.7           | Y           |               |              |           | 5.7           | mg/kg | 5740   | mg/kg |
| RY118-P      | 10FC-RY118-P-006012 | 7/13/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | MAGNESIUM     | 286           | Y           |               |              |           | 286           | mg/kg | 2740   | mg/kg |
| RY118-P      | 10FC-RY118-P-006012 | 7/13/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | MANGANESE     | 8.6           | Y           | J             | J            |           | 8.6           | mg/kg | 2680   | mg/kg |
| RY118-P      | 10FC-RY118-P-006012 | 7/13/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | NICKEL        | 2.3           | Y           |               |              |           | 2.3           | mg/kg | 6      | mg/kg |
| RY118-P      | 10FC-RY118-P-006012 | 7/13/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | POTASSIUM     | 286           | Y           |               |              |           | 286           | mg/kg | 616    | mg/kg |
| RY118-P      | 10FC-RY118-P-006012 | 7/13/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | SILVER        | 0.57          | Y           |               |              |           | 0.57          | mg/kg | 52.7   | mg/kg |
| RY118-P      | 10FC-RY118-P-006012 | 7/13/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | SODIUM        | 286           | Y           | J             |              | J         | 286           | mg/kg | 183    | mg/kg |
| RY118-P      | 10FC-RY118-P-006012 | 7/13/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | THALLIUM      | 1.4           | N           | U             |              | U         | 1.4           | mg/kg | 1.4    | mg/kg |
| RY118-P      | 10FC-RY118-P-006012 | 7/13/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | ARSENIC       | 5.7           | Y           | J             | J            |           | 5.7           | mg/kg | 3370   | mg/kg |
| RY118-P      | 10FC-RY118-P-006012 | 7/13/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | BARIUM        | 11.4          | Y           |               |              |           | 11.4          | mg/kg | 73.3   | mg/kg |
| RY118-P      | 10FC-RY118-P-006012 | 7/13/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | BERYLLIUM     | 0.29          | Y           |               |              |           | 0.29          | mg/kg | 0.36   | mg/kg |
| RY118-P      | 10FC-RY118-P-006012 | 7/13/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | CADMIUM       | 0.29          | Y           |               |              |           | 0.29          | mg/kg | 30.3   | mg/kg |
| RY118-P      | 10FC-RY118-P-006012 | 7/13/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | CHROMIUM      | 0.57          | Y           |               |              |           | 0.57          | mg/kg | 3.4    | mg/kg |
| RY118-P      | 10FC-RY118-P-006012 | 7/13/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | COBALT        | 2.9           | Y           |               |              |           | 2.9           | mg/kg | 4.6    | mg/kg |
| RY118-P      | 10FC-RY118-P-006012 | 7/13/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | COPPER        | 1.4           | Y           |               |              |           | 1.4           | mg/kg | 38.6   | mg/kg |

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| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY118-P      | 10FC-RY118-P-006012 | 7/13/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | VANADIUM      | 2.9           | Y           |               |              |           | 2.9                 | mg/kg | 7      | mg/kg |
| RY118-P      | 10FC-RY118-P-006012 | 7/13/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | ZINC          | 34.3          | Y           | J             | J            |           | 34.3                | mg/kg | 5190   | mg/kg |
| RY118-P      | 10FC-RY118-P-006012 | 7/13/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | CALCIUM       | 286           | Y           | J             | J            |           | 286                 | mg/kg | 3360   | mg/kg |
| RY118-P      | 10FC-RY118-P-006012 | 7/13/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | SELENIUM      | 2.0           | N           | UJ            | UJ           | U         | 2.0                 | mg/kg | 2      | mg/kg |
| RY317-A      | 10FC-RY317-A-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | ALUMINUM      | 12.2          | Y           |               |              |           | 12.2                | mg/kg | 6630   | mg/kg |
| RY317-A      | 10FC-RY317-A-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | IRON          | 6.1           | Y           |               |              |           | 6.1                 | mg/kg | 8520   | mg/kg |
| RY317-A      | 10FC-RY317-A-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | LEAD          | 0.61          | Y           |               |              |           | 0.61                | mg/kg | 8      | mg/kg |
| RY317-A      | 10FC-RY317-A-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | MAGNESIUM     | 306           | Y           |               |              |           | 306                 | mg/kg | 3170   | mg/kg |
| RY317-A      | 10FC-RY317-A-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | MANGANESE     | 0.92          | Y           | J             | J            |           | 0.92                | mg/kg | 281    | mg/kg |
| RY317-A      | 10FC-RY317-A-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | NICKEL        | 2.4           | Y           |               |              |           | 2.4                 | mg/kg | 5.7    | mg/kg |
| RY317-A      | 10FC-RY317-A-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | POTASSIUM     | 306           | Y           |               |              |           | 306                 | mg/kg | 1080   | mg/kg |
| RY317-A      | 10FC-RY317-A-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | SILVER        | 0.61          | N           | U             |              | U         | 0.61                | mg/kg | 0.61   | mg/kg |
| RY317-A      | 10FC-RY317-A-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | SODIUM        | 306           | Y           | J             |              | J         | 306                 | mg/kg | 138    | mg/kg |
| RY317-A      | 10FC-RY317-A-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | THALLIUM      | 1.5           | N           | U             |              | U         | 1.5                 | mg/kg | 1.5    | mg/kg |
| RY317-A      | 10FC-RY317-A-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | ANTIMONY      | 3.7           | Y           | J             | J            | J         | 3.7                 | mg/kg | 0.84   | mg/kg |
| RY317-A      | 10FC-RY317-A-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | ARSENIC       | 0.61          | Y           | J             | J            |           | 0.61                | mg/kg | 3.3    | mg/kg |
| RY317-A      | 10FC-RY317-A-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | BARIUM        | 12.2          | Y           |               |              |           | 12.2                | mg/kg | 93.7   | mg/kg |
| RY317-A      | 10FC-RY317-A-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | BERYLLIUM     | 0.31          | Y           |               |              |           | 0.31                | mg/kg | 0.35   | mg/kg |
| RY317-A      | 10FC-RY317-A-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | CADMIUM       | 0.31          | N           | U             |              | U         | 0.31                | mg/kg | 0.31   | mg/kg |
| RY317-A      | 10FC-RY317-A-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | CHROMIUM      | 0.61          | Y           |               |              |           | 0.61                | mg/kg | 5.1    | mg/kg |
| RY317-A      | 10FC-RY317-A-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | COBALT        | 3.1           | Y           |               |              |           | 3.1                 | mg/kg | 3.9    | mg/kg |
| RY317-A      | 10FC-RY317-A-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | COPPER        | 1.5           | Y           |               |              |           | 1.5                 | mg/kg | 8.5    | mg/kg |
| RY317-A      | 10FC-RY317-A-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | VANADIUM      | 3.1           | Y           |               |              |           | 3.1                 | mg/kg | 9      | mg/kg |
| RY317-A      | 10FC-RY317-A-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | ZINC          | 3.7           | Y           | J             | J            |           | 3.7                 | mg/kg | 18.1   | mg/kg |
| RY317-A      | 10FC-RY317-A-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | CALCIUM       | 306           | Y           | J             | J            |           | 306                 | mg/kg | 2280   | mg/kg |
| RY317-A      | 10FC-RY317-A-002006 | 7/13/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | SELENIUM      | 2.1           | N           | UJ            | UJ           | U         | 2.1                 | mg/kg | 2.1    | mg/kg |
| RY380-D      | 10FC-RY380-D-006012 | 7/14/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | ALUMINUM      | 13.5          | Y           |               |              |           | 13.5                | mg/kg | 5280   | mg/kg |
| RY380-D      | 10FC-RY380-D-006012 | 7/14/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | IRON          | 6.7           | Y           |               |              |           | 6.7                 | mg/kg | 10100  | mg/kg |
| RY380-D      | 10FC-RY380-D-006012 | 7/14/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | LEAD          | 0.67          | Y           |               |              |           | 0.67                | mg/kg | 117    | mg/kg |
| RY380-D      | 10FC-RY380-D-006012 | 7/14/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | MAGNESIUM     | 336           | Y           |               |              |           | 336                 | mg/kg | 3870   | mg/kg |
| RY380-D      | 10FC-RY380-D-006012 | 7/14/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | MANGANESE     | 1.0           | Y           | J             | J            |           | 1.0                 | mg/kg | 331    | mg/kg |
| RY380-D      | 10FC-RY380-D-006012 | 7/14/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | NICKEL        | 2.7           | Y           |               |              |           | 2.7                 | mg/kg | 6.6    | mg/kg |
| RY380-D      | 10FC-RY380-D-006012 | 7/14/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | POTASSIUM     | 336           | Y           |               |              |           | 336                 | mg/kg | 853    | mg/kg |
| RY380-D      | 10FC-RY380-D-006012 | 7/14/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | SILVER        | 0.67          | Y           | J             |              | J         | 0.67                | mg/kg | 0.17   | mg/kg |
| RY380-D      | 10FC-RY380-D-006012 | 7/14/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | SODIUM        | 336           | Y           | J             |              | J         | 336                 | mg/kg | 185    | mg/kg |
| RY380-D      | 10FC-RY380-D-006012 | 7/14/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | THALLIUM      | 1.7           | N           | U             |              | U         | 1.7                 | mg/kg | 1.7    | mg/kg |
| RY380-D      | 10FC-RY380-D-006012 | 7/14/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | ANTIMONY      | 4.0           | Y           | J             | J            |           | 4.0                 | mg/kg | 9.8    | mg/kg |
| RY380-D      | 10FC-RY380-D-006012 | 7/14/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | ARSENIC       | 0.67          | Y           | J             | J            |           | 0.67                | mg/kg | 29.6   | mg/kg |
| RY380-D      | 10FC-RY380-D-006012 | 7/14/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | BARIUM        | 13.5          | Y           |               |              |           | 13.5                | mg/kg | 91.8   | mg/kg |
| RY380-D      | 10FC-RY380-D-006012 | 7/14/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | BERYLLIUM     | 0.34          | Y           |               |              |           | 0.34                | mg/kg | 0.36   | mg/kg |
| RY380-D      | 10FC-RY380-D-006012 | 7/14/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | CADMIUM       | 0.34          | Y           |               |              |           | 0.34                | mg/kg | 0.94   | mg/kg |
| RY380-D      | 10FC-RY380-D-006012 | 7/14/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | CHROMIUM      | 0.67          | Y           |               |              |           | 0.67                | mg/kg | 5.2    | mg/kg |
| RY380-D      | 10FC-RY380-D-006012 | 7/14/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | COBALT        | 3.4           | Y           |               |              |           | 3.4                 | mg/kg | 4.4    | mg/kg |
| RY380-D      | 10FC-RY380-D-006012 | 7/14/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | COPPER        | 1.7           | Y           |               |              |           | 1.7                 | mg/kg | 10.4   | mg/kg |
| RY380-D      | 10FC-RY380-D-006012 | 7/14/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | VANADIUM      | 3.4           | Y           |               |              |           | 3.4                 | mg/kg | 8.9    | mg/kg |
| RY380-D      | 10FC-RY380-D-006012 | 7/14/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | ZINC          | 4.0           | Y           | J             | J            |           | 4.0                 | mg/kg | 175    | mg/kg |
| RY380-D      | 10FC-RY380-D-006012 | 7/14/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | CALCIUM       | 336           | Y           | J             | J            |           | 336                 | mg/kg | 15000  | mg/kg |
| RY380-D      | 10FC-RY380-D-006012 | 7/14/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | SELENIUM      | 2.4           | N           | UJ            | UJ           | U         | 2.4                 | mg/kg | 2.4    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY384-E      | 10FC-RY384-E-000002 | 7/14/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | ALUMINUM      | 11.9          | Y           |               |              |           | 11.9          | mg/kg | 2780   | mg/kg |
| RY384-E      | 10FC-RY384-E-000002 | 7/14/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | ANTIMONY      | 3.6           | Y           | J             | J            | J         | 3.6           | mg/kg | 0.54   | mg/kg |
| RY384-E      | 10FC-RY384-E-000002 | 7/14/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | ARSENIC       | 0.60          | Y           | J             | J            |           | 0.60          | mg/kg | 7.6    | mg/kg |
| RY384-E      | 10FC-RY384-E-000002 | 7/14/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | BARIUM        | 11.9          | Y           |               |              |           | 11.9          | mg/kg | 46.7   | mg/kg |
| RY384-E      | 10FC-RY384-E-000002 | 7/14/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | BERYLLIUM     | 0.30          | Y           | J             |              | J         | 0.30          | mg/kg | 0.19   | mg/kg |
| RY384-E      | 10FC-RY384-E-000002 | 7/14/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | CADMIUM       | 0.30          | Y           |               |              |           | 0.30          | mg/kg | 0.54   | mg/kg |
| RY384-E      | 10FC-RY384-E-000002 | 7/14/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | IRON          | 6.0           | Y           |               |              |           | 6.0           | mg/kg | 8570   | mg/kg |
| RY384-E      | 10FC-RY384-E-000002 | 7/14/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | LEAD          | 0.60          | Y           |               |              |           | 0.60          | mg/kg | 88.3   | mg/kg |
| RY384-E      | 10FC-RY384-E-000002 | 7/14/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | MAGNESIUM     | 299           | Y           |               |              |           | 299           | mg/kg | 4780   | mg/kg |
| RY384-E      | 10FC-RY384-E-000002 | 7/14/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | MANGANESE     | 0.90          | Y           | J             | J            |           | 0.90          | mg/kg | 238    | mg/kg |
| RY384-E      | 10FC-RY384-E-000002 | 7/14/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | NICKEL        | 2.4           | Y           |               |              |           | 2.4           | mg/kg | 7.2    | mg/kg |
| RY384-E      | 10FC-RY384-E-000002 | 7/14/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | POTASSIUM     | 299           | Y           |               |              |           | 299           | mg/kg | 765    | mg/kg |
| RY384-E      | 10FC-RY384-E-000002 | 7/14/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | SILVER        | 0.60          | N           | U             |              | U         | 0.60          | mg/kg | 0.6    | mg/kg |
| RY384-E      | 10FC-RY384-E-000002 | 7/14/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | SODIUM        | 299           | Y           | J             |              | J         | 299           | mg/kg | 179    | mg/kg |
| RY384-E      | 10FC-RY384-E-000002 | 7/14/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | THALLIUM      | 1.5           | N           | U             |              | U         | 1.5           | mg/kg | 1.5    | mg/kg |
| RY384-E      | 10FC-RY384-E-000002 | 7/14/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | CHROMIUM      | 0.60          | Y           |               |              |           | 0.60          | mg/kg | 5.7    | mg/kg |
| RY384-E      | 10FC-RY384-E-000002 | 7/14/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | COBALT        | 3.0           | Y           |               |              |           | 3.0           | mg/kg | 4.2    | mg/kg |
| RY384-E      | 10FC-RY384-E-000002 | 7/14/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | COPPER        | 1.5           | Y           |               |              |           | 1.5           | mg/kg | 22.2   | mg/kg |
| RY384-E      | 10FC-RY384-E-000002 | 7/14/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | VANADIUM      | 3.0           | Y           |               |              |           | 3.0           | mg/kg | 5.9    | mg/kg |
| RY384-E      | 10FC-RY384-E-000002 | 7/14/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | ZINC          | 3.6           | Y           | J             | J            |           | 3.6           | mg/kg | 61.2   | mg/kg |
| RY384-E      | 10FC-RY384-E-000002 | 7/14/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | CALCIUM       | 597           | Y           | J             | J            |           | 597           | mg/kg | 22900  | mg/kg |
| RY384-E      | 10FC-RY384-E-000002 | 7/14/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | SELENIUM      | 2.1           | N           | UJ            | UJ           | U         | 2.1           | mg/kg | 2.1    | mg/kg |
| RY409-C      | 10FC-RY409-C-002006 | 7/14/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | ALUMINUM      | 12.4          | Y           |               |              |           | 12.4          | mg/kg | 4740   | mg/kg |
| RY409-C      | 10FC-RY409-C-002006 | 7/14/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | IRON          | 6.2           | Y           |               |              |           | 6.2           | mg/kg | 8030   | mg/kg |
| RY409-C      | 10FC-RY409-C-002006 | 7/14/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | LEAD          | 0.62          | Y           |               |              |           | 0.62          | mg/kg | 60.8   | mg/kg |
| RY409-C      | 10FC-RY409-C-002006 | 7/14/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | MAGNESIUM     | 310           | Y           |               |              |           | 310           | mg/kg | 2920   | mg/kg |
| RY409-C      | 10FC-RY409-C-002006 | 7/14/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | MANGANESE     | 0.93          | Y           | J             | J            |           | 0.93          | mg/kg | 235    | mg/kg |
| RY409-C      | 10FC-RY409-C-002006 | 7/14/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | NICKEL        | 2.5           | Y           |               |              |           | 2.5           | mg/kg | 5.6    | mg/kg |
| RY409-C      | 10FC-RY409-C-002006 | 7/14/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | POTASSIUM     | 310           | Y           |               |              |           | 310           | mg/kg | 756    | mg/kg |
| RY409-C      | 10FC-RY409-C-002006 | 7/14/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | SILVER        | 0.62          | N           | U             |              | U         | 0.62          | mg/kg | 0.62   | mg/kg |
| RY409-C      | 10FC-RY409-C-002006 | 7/14/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | SODIUM        | 310           | Y           | J             |              | J         | 310           | mg/kg | 205    | mg/kg |
| RY409-C      | 10FC-RY409-C-002006 | 7/14/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | THALLIUM      | 1.5           | N           | U             |              | U         | 1.5           | mg/kg | 1.5    | mg/kg |
| RY409-C      | 10FC-RY409-C-002006 | 7/14/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | ANTIMONY      | 3.7           | Y           | J             | J            |           | 3.7           | mg/kg | 6.2    | mg/kg |
| RY409-C      | 10FC-RY409-C-002006 | 7/14/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | ARSENIC       | 0.62          | Y           | J             | J            |           | 0.62          | mg/kg | 15.5   | mg/kg |
| RY409-C      | 10FC-RY409-C-002006 | 7/14/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | BARIUM        | 12.4          | Y           |               |              |           | 12.4          | mg/kg | 73.7   | mg/kg |
| RY409-C      | 10FC-RY409-C-002006 | 7/14/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | BERYLLIUM     | 0.31          | Y           | J             |              | J         | 0.31          | mg/kg | 0.3    | mg/kg |
| RY409-C      | 10FC-RY409-C-002006 | 7/14/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | CADMIUM       | 0.31          | Y           |               |              |           | 0.31          | mg/kg | 0.37   | mg/kg |
| RY409-C      | 10FC-RY409-C-002006 | 7/14/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | CHROMIUM      | 0.62          | Y           |               |              |           | 0.62          | mg/kg | 4.9    | mg/kg |
| RY409-C      | 10FC-RY409-C-002006 | 7/14/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | COBALT        | 3.1           | Y           |               |              |           | 3.1           | mg/kg | 4      | mg/kg |
| RY409-C      | 10FC-RY409-C-002006 | 7/14/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | COPPER        | 1.5           | Y           |               |              |           | 1.5           | mg/kg | 11.1   | mg/kg |
| RY409-C      | 10FC-RY409-C-002006 | 7/14/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | VANADIUM      | 3.1           | Y           |               |              |           | 3.1           | mg/kg | 9.7    | mg/kg |
| RY409-C      | 10FC-RY409-C-002006 | 7/14/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | ZINC          | 3.7           | Y           | J             | J            |           | 3.7           | mg/kg | 80.5   | mg/kg |
| RY409-C      | 10FC-RY409-C-002006 | 7/14/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | CALCIUM       | 310           | Y           | J             | J            |           | 310           | mg/kg | 4030   | mg/kg |
| RY409-C      | 10FC-RY409-C-002006 | 7/14/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | SELENIUM      | 2.2           | N           | UJ            | UJ           | U         | 2.2           | mg/kg | 2.2    | mg/kg |
| RY409-C      | 10FC-RY409-C-006012 | 7/14/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | ALUMINUM      | 11.8          | Y           |               |              |           | 11.8          | mg/kg | 3930   | mg/kg |
| RY409-C      | 10FC-RY409-C-006012 | 7/14/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | IRON          | 5.9           | Y           |               |              |           | 5.9           | mg/kg | 8120   | mg/kg |
| RY409-C      | 10FC-RY409-C-006012 | 7/14/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | LEAD          | 0.59          | Y           |               |              |           | 0.59          | mg/kg | 102    | mg/kg |
| RY409-C      | 10FC-RY409-C-006012 | 7/14/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | MAGNESIUM     | 295           | Y           |               |              |           | 295           | mg/kg | 2560   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY409-C      | 10FC-RY409-C-006012 | 7/14/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | MANGANESE     | 0.88          | Y           | J             | J            |           | 0.88          | mg/kg | 227    | mg/kg |
| RY409-C      | 10FC-RY409-C-006012 | 7/14/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | NICKEL        | 2.4           | Y           |               |              |           | 2.4           | mg/kg | 5.2    | mg/kg |
| RY409-C      | 10FC-RY409-C-006012 | 7/14/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | POTASSIUM     | 295           | Y           |               |              |           | 295           | mg/kg | 725    | mg/kg |
| RY409-C      | 10FC-RY409-C-006012 | 7/14/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | SILVER        | 0.59          | Y           | J             |              | J         | 0.59          | mg/kg | 0.34   | mg/kg |
| RY409-C      | 10FC-RY409-C-006012 | 7/14/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | SODIUM        | 295           | Y           | J             |              | J         | 295           | mg/kg | 114    | mg/kg |
| RY409-C      | 10FC-RY409-C-006012 | 7/14/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | THALLIUM      | 1.5           | N           | U             |              | U         | 1.5           | mg/kg | 1.5    | mg/kg |
| RY409-C      | 10FC-RY409-C-006012 | 7/14/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | ANTIMONY      | 3.5           | Y           | J             | J            |           | 3.5           | mg/kg | 10.4   | mg/kg |
| RY409-C      | 10FC-RY409-C-006012 | 7/14/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | ARSENIC       | 0.59          | Y           | J             | J            |           | 0.59          | mg/kg | 19.9   | mg/kg |
| RY409-C      | 10FC-RY409-C-006012 | 7/14/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | BARIUM        | 11.8          | Y           |               |              |           | 11.8          | mg/kg | 60.4   | mg/kg |
| RY409-C      | 10FC-RY409-C-006012 | 7/14/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | BERYLLIUM     | 0.29          | Y           | J             |              | J         | 0.29          | mg/kg | 0.25   | mg/kg |
| RY409-C      | 10FC-RY409-C-006012 | 7/14/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | CADMIUM       | 0.29          | Y           |               |              |           | 0.29          | mg/kg | 0.58   | mg/kg |
| RY409-C      | 10FC-RY409-C-006012 | 7/14/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | CHROMIUM      | 0.59          | Y           |               |              |           | 0.59          | mg/kg | 4.3    | mg/kg |
| RY409-C      | 10FC-RY409-C-006012 | 7/14/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | COBALT        | 2.9           | Y           |               |              |           | 2.9           | mg/kg | 3.6    | mg/kg |
| RY409-C      | 10FC-RY409-C-006012 | 7/14/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | COPPER        | 1.5           | Y           |               |              |           | 1.5           | mg/kg | 11.4   | mg/kg |
| RY409-C      | 10FC-RY409-C-006012 | 7/14/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | VANADIUM      | 2.9           | Y           |               |              |           | 2.9           | mg/kg | 9.9    | mg/kg |
| RY409-C      | 10FC-RY409-C-006012 | 7/14/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | ZINC          | 3.5           | Y           | J             | J            |           | 3.5           | mg/kg | 117    | mg/kg |
| RY409-C      | 10FC-RY409-C-006012 | 7/14/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | CALCIUM       | 295           | Y           | J             | J            |           | 295           | mg/kg | 3940   | mg/kg |
| RY409-C      | 10FC-RY409-C-006012 | 7/14/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | SELENIUM      | 2.1           | N           | UJ            | UJ           | U         | 2.1           | mg/kg | 2.1    | mg/kg |
| RY412-C      | 10FC-RY412-C-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | ALUMINUM      | 13.2          | Y           |               |              |           | 13.2          | mg/kg | 3840   | mg/kg |
| RY412-C      | 10FC-RY412-C-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | IRON          | 6.6           | Y           |               |              |           | 6.6           | mg/kg | 6250   | mg/kg |
| RY412-C      | 10FC-RY412-C-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | LEAD          | 0.66          | Y           |               |              |           | 0.66          | mg/kg | 64.1   | mg/kg |
| RY412-C      | 10FC-RY412-C-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | MAGNESIUM     | 331           | Y           |               |              |           | 331           | mg/kg | 2610   | mg/kg |
| RY412-C      | 10FC-RY412-C-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | MANGANESE     | 0.99          | Y           | J             | J            |           | 0.99          | mg/kg | 267    | mg/kg |
| RY412-C      | 10FC-RY412-C-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | NICKEL        | 2.6           | Y           |               |              |           | 2.6           | mg/kg | 8.2    | mg/kg |
| RY412-C      | 10FC-RY412-C-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | POTASSIUM     | 331           | Y           |               |              |           | 331           | mg/kg | 1370   | mg/kg |
| RY412-C      | 10FC-RY412-C-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | SILVER        | 0.66          | N           | U             |              | U         | 0.66          | mg/kg | 0.66   | mg/kg |
| RY412-C      | 10FC-RY412-C-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | SODIUM        | 331           | Y           | J             |              | J         | 331           | mg/kg | 121    | mg/kg |
| RY412-C      | 10FC-RY412-C-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | THALLIUM      | 1.7           | N           | U             |              | U         | 1.7           | mg/kg | 1.7    | mg/kg |
| RY412-C      | 10FC-RY412-C-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | ANTIMONY      | 4.0           | Y           | J             | J            | J         | 4.0           | mg/kg | 0.69   | mg/kg |
| RY412-C      | 10FC-RY412-C-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | ARSENIC       | 0.66          | Y           | J             | J            |           | 0.66          | mg/kg | 3.3    | mg/kg |
| RY412-C      | 10FC-RY412-C-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | BARIUM        | 13.2          | Y           |               |              |           | 13.2          | mg/kg | 142    | mg/kg |
| RY412-C      | 10FC-RY412-C-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | BERYLLIUM     | 0.33          | Y           | J             |              | J         | 0.33          | mg/kg | 0.27   | mg/kg |
| RY412-C      | 10FC-RY412-C-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | CADMIUM       | 0.33          | Y           | J             |              | J         | 0.33          | mg/kg | 0.14   | mg/kg |
| RY412-C      | 10FC-RY412-C-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | CHROMIUM      | 0.66          | Y           |               |              |           | 0.66          | mg/kg | 7.7    | mg/kg |
| RY412-C      | 10FC-RY412-C-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | COBALT        | 3.3           | Y           | J             |              | J         | 3.3           | mg/kg | 3      | mg/kg |
| RY412-C      | 10FC-RY412-C-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | COPPER        | 1.7           | Y           |               |              |           | 1.7           | mg/kg | 14.9   | mg/kg |
| RY412-C      | 10FC-RY412-C-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | VANADIUM      | 3.3           | Y           |               |              |           | 3.3           | mg/kg | 8      | mg/kg |
| RY412-C      | 10FC-RY412-C-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | ZINC          | 4.0           | Y           | J             | J            |           | 4.0           | mg/kg | 74.4   | mg/kg |
| RY412-C      | 10FC-RY412-C-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | CALCIUM       | 331           | Y           | J             | J            |           | 331           | mg/kg | 7460   | mg/kg |
| RY412-C      | 10FC-RY412-C-006012 | 7/21/2010   | N           | 6           | 12        | in         | C200.7          | 10/6/2010     | SELENIUM      | 2.3           | N           | UJ            | UJ           | U         | 2.3           | mg/kg | 2.3    | mg/kg |
| RY412-D      | 10FC-RY412-D-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | ALUMINUM      | 13.2          | Y           |               |              |           | 13.2          | mg/kg | 4030   | mg/kg |
| RY412-D      | 10FC-RY412-D-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | IRON          | 6.6           | Y           |               |              |           | 6.6           | mg/kg | 6820   | mg/kg |
| RY412-D      | 10FC-RY412-D-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | LEAD          | 0.66          | Y           |               |              |           | 0.66          | mg/kg | 295    | mg/kg |
| RY412-D      | 10FC-RY412-D-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | MAGNESIUM     | 330           | Y           |               |              |           | 330           | mg/kg | 1960   | mg/kg |
| RY412-D      | 10FC-RY412-D-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | MANGANESE     | 0.99          | Y           | J             | J            |           | 0.99          | mg/kg | 247    | mg/kg |
| RY412-D      | 10FC-RY412-D-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | NICKEL        | 2.6           | Y           |               |              |           | 2.6           | mg/kg | 4.7    | mg/kg |
| RY412-D      | 10FC-RY412-D-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | POTASSIUM     | 330           | Y           |               |              |           | 330           | mg/kg | 797    | mg/kg |
| RY412-D      | 10FC-RY412-D-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | SILVER        | 0.66          | N           | U             |              | U         | 0.66          | mg/kg | 0.66   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY412-D      | 10FC-RY412-D-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | SODIUM        | 330           | Y           | J             |              | J         | 330                 | mg/kg | 310    | mg/kg |
| RY412-D      | 10FC-RY412-D-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | THALLIUM      | 1.6           | N           | U             |              | U         | 1.6                 | mg/kg | 1.6    | mg/kg |
| RY412-D      | 10FC-RY412-D-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | ANTIMONY      | 4.0           | Y           | J             | J            | J         | 4.0                 | mg/kg | 1.6    | mg/kg |
| RY412-D      | 10FC-RY412-D-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | ARSENIC       | 0.66          | Y           | J             | J            |           | 0.66                | mg/kg | 4.5    | mg/kg |
| RY412-D      | 10FC-RY412-D-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | BARIUM        | 13.2          | Y           |               |              |           | 13.2                | mg/kg | 83.6   | mg/kg |
| RY412-D      | 10FC-RY412-D-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | BERYLLIUM     | 0.33          | Y           | J             |              | J         | 0.33                | mg/kg | 0.25   | mg/kg |
| RY412-D      | 10FC-RY412-D-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | CADMIUM       | 0.33          | Y           |               |              |           | 0.33                | mg/kg | 0.36   | mg/kg |
| RY412-D      | 10FC-RY412-D-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | CHROMIUM      | 0.66          | Y           |               |              |           | 0.66                | mg/kg | 4.8    | mg/kg |
| RY412-D      | 10FC-RY412-D-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | COBALT        | 3.3           | Y           | J             |              | J         | 3.3                 | mg/kg | 3      | mg/kg |
| RY412-D      | 10FC-RY412-D-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | COPPER        | 1.6           | Y           |               |              |           | 1.6                 | mg/kg | 10.1   | mg/kg |
| RY412-D      | 10FC-RY412-D-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | VANADIUM      | 3.3           | Y           |               |              |           | 3.3                 | mg/kg | 8.1    | mg/kg |
| RY412-D      | 10FC-RY412-D-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | ZINC          | 4.0           | Y           | J             | J            |           | 4.0                 | mg/kg | 122    | mg/kg |
| RY412-D      | 10FC-RY412-D-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | CALCIUM       | 330           | Y           | J             | J            |           | 330                 | mg/kg | 3170   | mg/kg |
| RY412-D      | 10FC-RY412-D-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | SELENIUM      | 2.3           | N           | UJ            | UJ           | U         | 2.3                 | mg/kg | 2.3    | mg/kg |
| RY412-D      | 10FC-RY412-D-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | ALUMINUM      | 12.0          | Y           |               |              |           | 12.0                | mg/kg | 3960   | mg/kg |
| RY412-D      | 10FC-RY412-D-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | IRON          | 6.0           | Y           |               |              |           | 6.0                 | mg/kg | 6360   | mg/kg |
| RY412-D      | 10FC-RY412-D-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | LEAD          | 0.60          | Y           |               |              |           | 0.60                | mg/kg | 111    | mg/kg |
| RY412-D      | 10FC-RY412-D-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | MAGNESIUM     | 301           | Y           |               |              |           | 301                 | mg/kg | 1760   | mg/kg |
| RY412-D      | 10FC-RY412-D-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | MANGANESE     | 0.90          | Y           | J             | J            |           | 0.90                | mg/kg | 248    | mg/kg |
| RY412-D      | 10FC-RY412-D-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | NICKEL        | 2.4           | Y           |               |              |           | 2.4                 | mg/kg | 4.3    | mg/kg |
| RY412-D      | 10FC-RY412-D-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | POTASSIUM     | 301           | Y           |               |              |           | 301                 | mg/kg | 734    | mg/kg |
| RY412-D      | 10FC-RY412-D-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | SILVER        | 0.60          | N           | U             |              | U         | 0.60                | mg/kg | 0.6    | mg/kg |
| RY412-D      | 10FC-RY412-D-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | SODIUM        | 301           | Y           | J             |              | J         | 301                 | mg/kg | 286    | mg/kg |
| RY412-D      | 10FC-RY412-D-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | THALLIUM      | 1.5           | N           | U             |              | U         | 1.5                 | mg/kg | 1.5    | mg/kg |
| RY412-D      | 10FC-RY412-D-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | ANTIMONY      | 3.6           | Y           | J             | J            | J         | 3.6                 | mg/kg | 1.3    | mg/kg |
| RY412-D      | 10FC-RY412-D-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | ARSENIC       | 0.60          | Y           | J             | J            |           | 0.60                | mg/kg | 3.8    | mg/kg |
| RY412-D      | 10FC-RY412-D-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | BARIUM        | 12.0          | Y           |               |              |           | 12.0                | mg/kg | 75.5   | mg/kg |
| RY412-D      | 10FC-RY412-D-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | BERYLLIUM     | 0.30          | Y           | J             |              | J         | 0.30                | mg/kg | 0.25   | mg/kg |
| RY412-D      | 10FC-RY412-D-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | CADMIUM       | 0.30          | Y           | J             |              | J         | 0.30                | mg/kg | 0.2    | mg/kg |
| RY412-D      | 10FC-RY412-D-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | CHROMIUM      | 0.60          | Y           |               |              |           | 0.60                | mg/kg | 4.4    | mg/kg |
| RY412-D      | 10FC-RY412-D-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | COBALT        | 3.0           | Y           |               |              |           | 3.0                 | mg/kg | 3.1    | mg/kg |
| RY412-D      | 10FC-RY412-D-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | COPPER        | 1.5           | Y           |               |              |           | 1.5                 | mg/kg | 7.6    | mg/kg |
| RY412-D      | 10FC-RY412-D-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | VANADIUM      | 3.0           | Y           |               |              |           | 3.0                 | mg/kg | 7.8    | mg/kg |
| RY412-D      | 10FC-RY412-D-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | ZINC          | 3.6           | Y           | J             | J            |           | 3.6                 | mg/kg | 103    | mg/kg |
| RY412-D      | 10FC-RY412-D-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | CALCIUM       | 301           | Y           | J             | J            |           | 301                 | mg/kg | 2100   | mg/kg |
| RY412-D      | 10FC-RY412-D-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | SELENIUM      | 2.1           | N           | UJ            | UJ           | U         | 2.1                 | mg/kg | 2.1    | mg/kg |
| RY418-A      | 10FC-RY418-A-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | ALUMINUM      | 11.7          | Y           |               |              |           | 11.7                | mg/kg | 6390   | mg/kg |
| RY418-A      | 10FC-RY418-A-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | IRON          | 5.8           | Y           |               |              |           | 5.8                 | mg/kg | 9350   | mg/kg |
| RY418-A      | 10FC-RY418-A-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | LEAD          | 0.58          | Y           |               |              |           | 0.58                | mg/kg | 110    | mg/kg |
| RY418-A      | 10FC-RY418-A-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | MAGNESIUM     | 292           | Y           |               |              |           | 292                 | mg/kg | 3210   | mg/kg |
| RY418-A      | 10FC-RY418-A-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | MANGANESE     | 0.88          | Y           | J             | J            |           | 0.88                | mg/kg | 399    | mg/kg |
| RY418-A      | 10FC-RY418-A-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | NICKEL        | 2.3           | Y           |               |              |           | 2.3                 | mg/kg | 6.7    | mg/kg |
| RY418-A      | 10FC-RY418-A-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | POTASSIUM     | 292           | Y           |               |              |           | 292                 | mg/kg | 1530   | mg/kg |
| RY418-A      | 10FC-RY418-A-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | SILVER        | 0.58          | N           | U             |              | U         | 0.58                | mg/kg | 0.58   | mg/kg |
| RY418-A      | 10FC-RY418-A-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | SODIUM        | 292           | Y           | J             |              | J         | 292                 | mg/kg | 144    | mg/kg |
| RY418-A      | 10FC-RY418-A-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | THALLIUM      | 1.5           | N           | U             |              | U         | 1.5                 | mg/kg | 1.5    | mg/kg |
| RY418-A      | 10FC-RY418-A-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | ANTIMONY      | 3.5           | Y           | J             | J            | J         | 3.5                 | mg/kg | 0.98   | mg/kg |
| RY418-A      | 10FC-RY418-A-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | ARSENIC       | 0.58          | Y           | J             | J            |           | 0.58                | mg/kg | 3.5    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY418-A      | 10FC-RY418-A-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | BARIUM        | 11.7          | Y           |               |              |           | 11.7          | mg/kg | 151    | mg/kg |
| RY418-A      | 10FC-RY418-A-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | BERYLLIUM     | 0.29          | Y           |               |              |           | 0.29          | mg/kg | 0.39   | mg/kg |
| RY418-A      | 10FC-RY418-A-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | CADMIUM       | 0.29          | Y           | J             |              | J         | 0.29          | mg/kg | 0.27   | mg/kg |
| RY418-A      | 10FC-RY418-A-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | CHROMIUM      | 0.58          | Y           |               |              |           | 0.58          | mg/kg | 6.5    | mg/kg |
| RY418-A      | 10FC-RY418-A-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | COBALT        | 2.9           | Y           |               |              |           | 2.9           | mg/kg | 4.5    | mg/kg |
| RY418-A      | 10FC-RY418-A-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | COPPER        | 1.5           | Y           |               |              |           | 1.5           | mg/kg | 15     | mg/kg |
| RY418-A      | 10FC-RY418-A-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | VANADIUM      | 2.9           | Y           |               |              |           | 2.9           | mg/kg | 10.7   | mg/kg |
| RY418-A      | 10FC-RY418-A-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | ZINC          | 3.5           | Y           | J             |              | J         | 3.5           | mg/kg | 93.2   | mg/kg |
| RY418-A      | 10FC-RY418-A-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | CALCIUM       | 292           | Y           | J             |              | J         | 292           | mg/kg | 3730   | mg/kg |
| RY418-A      | 10FC-RY418-A-000002 | 7/21/2010   | N           | 0           | 2         | in         | C200.7          | 10/6/2010     | SELENIUM      | 2.0           | N           | UJ            |              | UJ        | 2.0           | mg/kg | 2      | mg/kg |
| RY418-A      | 10FC-RY418-A-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | ALUMINUM      | 11.8          | Y           |               |              |           | 11.8          | mg/kg | 5280   | mg/kg |
| RY418-A      | 10FC-RY418-A-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | IRON          | 5.9           | Y           |               |              |           | 5.9           | mg/kg | 7700   | mg/kg |
| RY418-A      | 10FC-RY418-A-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | LEAD          | 0.59          | Y           |               |              |           | 0.59          | mg/kg | 92.2   | mg/kg |
| RY418-A      | 10FC-RY418-A-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | MAGNESIUM     | 294           | Y           |               |              |           | 294           | mg/kg | 2610   | mg/kg |
| RY418-A      | 10FC-RY418-A-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | MANGANESE     | 0.88          | Y           | J             |              | J         | 0.88          | mg/kg | 324    | mg/kg |
| RY418-A      | 10FC-RY418-A-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | NICKEL        | 2.4           | Y           |               |              |           | 2.4           | mg/kg | 5.4    | mg/kg |
| RY418-A      | 10FC-RY418-A-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | POTASSIUM     | 294           | Y           |               |              |           | 294           | mg/kg | 1110   | mg/kg |
| RY418-A      | 10FC-RY418-A-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | SILVER        | 0.59          | N           | U             |              | U         | 0.59          | mg/kg | 0.59   | mg/kg |
| RY418-A      | 10FC-RY418-A-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | SODIUM        | 294           | Y           | J             |              | J         | 294           | mg/kg | 150    | mg/kg |
| RY418-A      | 10FC-RY418-A-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | THALLIUM      | 1.5           | N           | U             |              | U         | 1.5           | mg/kg | 1.5    | mg/kg |
| RY418-A      | 10FC-RY418-A-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | ANTIMONY      | 3.5           | Y           | J             |              | J         | 3.5           | mg/kg | 0.69   | mg/kg |
| RY418-A      | 10FC-RY418-A-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | ARSENIC       | 0.59          | Y           | J             |              | J         | 0.59          | mg/kg | 3.2    | mg/kg |
| RY418-A      | 10FC-RY418-A-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | BARIUM        | 11.8          | Y           |               |              |           | 11.8          | mg/kg | 119    | mg/kg |
| RY418-A      | 10FC-RY418-A-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | BERYLLIUM     | 0.29          | Y           |               |              |           | 0.29          | mg/kg | 0.34   | mg/kg |
| RY418-A      | 10FC-RY418-A-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | CADMIUM       | 0.29          | Y           | J             |              | J         | 0.29          | mg/kg | 0.09   | mg/kg |
| RY418-A      | 10FC-RY418-A-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | CHROMIUM      | 0.59          | Y           |               |              |           | 0.59          | mg/kg | 5.2    | mg/kg |
| RY418-A      | 10FC-RY418-A-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | COBALT        | 2.9           | Y           |               |              |           | 2.9           | mg/kg | 3.6    | mg/kg |
| RY418-A      | 10FC-RY418-A-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | COPPER        | 1.5           | Y           |               |              |           | 1.5           | mg/kg | 12.4   | mg/kg |
| RY418-A      | 10FC-RY418-A-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | VANADIUM      | 2.9           | Y           |               |              |           | 2.9           | mg/kg | 8.8    | mg/kg |
| RY418-A      | 10FC-RY418-A-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | ZINC          | 3.5           | Y           | J             |              | J         | 3.5           | mg/kg | 56.9   | mg/kg |
| RY418-A      | 10FC-RY418-A-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | CALCIUM       | 294           | Y           | J             |              | J         | 294           | mg/kg | 3400   | mg/kg |
| RY418-A      | 10FC-RY418-A-002006 | 7/21/2010   | N           | 2           | 6         | in         | C200.7          | 10/6/2010     | SELENIUM      | 2.1           | N           | UJ            |              | UJ        | 2.1           | mg/kg | 2.1    | mg/kg |
| RY506-F      | 10FC-RY506-F-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | ALUMINUM      | 21.5          | Y           |               |              |           | 21.5          | mg/kg | 4850   | mg/kg |
| RY506-F      | 10FC-RY506-F-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/27/2010     | IRON          | 215           | Y           |               |              |           | 215           | mg/kg | 41600  | mg/kg |
| RY506-F      | 10FC-RY506-F-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/27/2010     | LEAD          | 21.5          | Y           |               |              |           | 21.5          | mg/kg | 36800  | mg/kg |
| RY506-F      | 10FC-RY506-F-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/27/2010     | MAGNESIUM     | 538           | Y           |               |              |           | 538           | mg/kg | 2740   | mg/kg |
| RY506-F      | 10FC-RY506-F-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/27/2010     | MANGANESE     | 1.6           | Y           |               |              |           | 1.6           | mg/kg | 267    | mg/kg |
| RY506-F      | 10FC-RY506-F-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/27/2010     | NICKEL        | 4.3           | Y           |               |              |           | 4.3           | mg/kg | 6.2    | mg/kg |
| RY506-F      | 10FC-RY506-F-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/27/2010     | POTASSIUM     | 538           | Y           |               |              |           | 538           | mg/kg | 906    | mg/kg |
| RY506-F      | 10FC-RY506-F-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/27/2010     | SILVER        | 1.1           | Y           |               |              |           | 1.1           | mg/kg | 153    | mg/kg |
| RY506-F      | 10FC-RY506-F-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/27/2010     | SODIUM        | 538           | Y           | J             |              | J         | 538           | mg/kg | 396    | mg/kg |
| RY506-F      | 10FC-RY506-F-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/27/2010     | THALLIUM      | 2.7           | N           | U             |              | U         | 2.7           | mg/kg | 2.7    | mg/kg |
| RY506-F      | 10FC-RY506-F-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/27/2010     | ANTIMONY      | 129           | Y           |               |              |           | 129           | mg/kg | 13000  | mg/kg |
| RY506-F      | 10FC-RY506-F-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/27/2010     | ARSENIC       | 21.5          | Y           |               |              |           | 21.5          | mg/kg | 1880   | mg/kg |
| RY506-F      | 10FC-RY506-F-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/27/2010     | BARIUM        | 21.5          | Y           | J             |              | J         | 21.5          | mg/kg | 137    | mg/kg |
| RY506-F      | 10FC-RY506-F-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/27/2010     | BERYLLIUM     | 0.54          | Y           |               |              |           | 0.54          | mg/kg | 0.57   | mg/kg |
| RY506-F      | 10FC-RY506-F-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/27/2010     | CADMIUM       | 0.54          | Y           | J             |              | J         | 0.54          | mg/kg | 48     | mg/kg |
| RY506-F      | 10FC-RY506-F-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/27/2010     | CHROMIUM      | 1.1           | Y           |               |              |           | 1.1           | mg/kg | 5.8    | mg/kg |



Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code       | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|-----------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                       |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY506-F      | 10FC-RY506-F-002006   | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/27/2010     | COBALT        | 5.4           | Y           | J             |              | J         | 5.4           | mg/kg | 3.4    | mg/kg |
| RY506-F      | 10FC-RY506-F-002006   | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/27/2010     | COPPER        | 2.7           | Y           |               |              |           | 2.7           | mg/kg | 293    | mg/kg |
| RY506-F      | 10FC-RY506-F-002006   | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/27/2010     | VANADIUM      | 5.4           | Y           |               |              |           | 5.4           | mg/kg | 7.7    | mg/kg |
| RY506-F      | 10FC-RY506-F-002006   | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/27/2010     | ZINC          | 129           | Y           |               |              |           | 129           | mg/kg | 11300  | mg/kg |
| RY506-F      | 10FC-RY506-F-002006   | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/27/2010     | CALCIUM       | 538           | Y           |               |              |           | 538           | mg/kg | 1100   | mg/kg |
| RY506-F      | 10FC-RY506-F-002006   | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/27/2010     | SELENIUM      | 3.8           | N           | U             |              | U         | 3.8           | mg/kg | 3.8    | mg/kg |
| RY506-F      | 10FC-RY506-F-006012   | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | ALUMINUM      | 21.2          | Y           |               |              |           | 21.2          | mg/kg | 5060   | mg/kg |
| RY506-F      | 10FC-RY506-F-006012   | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | IRON          | 10.6          | Y           |               |              |           | 10.6          | mg/kg | 10800  | mg/kg |
| RY506-F      | 10FC-RY506-F-006012   | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | LEAD          | 1.1           | Y           |               |              |           | 1.1           | mg/kg | 2250   | mg/kg |
| RY506-F      | 10FC-RY506-F-006012   | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | MAGNESIUM     | 530           | Y           |               |              |           | 530           | mg/kg | 3570   | mg/kg |
| RY506-F      | 10FC-RY506-F-006012   | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | MANGANESE     | 1.6           | Y           |               |              |           | 1.6           | mg/kg | 201    | mg/kg |
| RY506-F      | 10FC-RY506-F-006012   | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | NICKEL        | 4.2           | Y           |               |              |           | 4.2           | mg/kg | 7.8    | mg/kg |
| RY506-F      | 10FC-RY506-F-006012   | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | POTASSIUM     | 530           | Y           |               |              |           | 530           | mg/kg | 966    | mg/kg |
| RY506-F      | 10FC-RY506-F-006012   | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | SILVER        | 1.1           | Y           |               |              |           | 1.1           | mg/kg | 9.4    | mg/kg |
| RY506-F      | 10FC-RY506-F-006012   | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | SODIUM        | 530           | Y           | J             |              | J         | 530           | mg/kg | 330    | mg/kg |
| RY506-F      | 10FC-RY506-F-006012   | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | THALLIUM      | 2.6           | N           | U             |              | U         | 2.6           | mg/kg | 2.6    | mg/kg |
| RY506-F      | 10FC-RY506-F-006012   | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | ANTIMONY      | 6.4           | Y           |               |              |           | 6.4           | mg/kg | 474    | mg/kg |
| RY506-F      | 10FC-RY506-F-006012   | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | ARSENIC       | 1.1           | Y           |               |              |           | 1.1           | mg/kg | 147    | mg/kg |
| RY506-F      | 10FC-RY506-F-006012   | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | BARIUM        | 21.2          | Y           | J             | J            |           | 21.2          | mg/kg | 94.5   | mg/kg |
| RY506-F      | 10FC-RY506-F-006012   | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | BERYLLIUM     | 0.53          | Y           | J             |              | J         | 0.53          | mg/kg | 0.45   | mg/kg |
| RY506-F      | 10FC-RY506-F-006012   | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | CADMIUM       | 0.53          | Y           | J             | J            |           | 0.53          | mg/kg | 14.5   | mg/kg |
| RY506-F      | 10FC-RY506-F-006012   | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | CHROMIUM      | 1.1           | Y           |               |              |           | 1.1           | mg/kg | 6.7    | mg/kg |
| RY506-F      | 10FC-RY506-F-006012   | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | COBALT        | 5.3           | Y           | J             |              | J         | 5.3           | mg/kg | 4.7    | mg/kg |
| RY506-F      | 10FC-RY506-F-006012   | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | COPPER        | 2.6           | Y           |               |              |           | 2.6           | mg/kg | 43.7   | mg/kg |
| RY506-F      | 10FC-RY506-F-006012   | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | VANADIUM      | 5.3           | Y           |               |              |           | 5.3           | mg/kg | 10.3   | mg/kg |
| RY506-F      | 10FC-RY506-F-006012   | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | CALCIUM       | 530           | Y           |               |              |           | 530           | mg/kg | 1950   | mg/kg |
| RY506-F      | 10FC-RY506-F-006012   | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | SELENIUM      | 3.7           | N           | U             |              | U         | 3.7           | mg/kg | 3.7    | mg/kg |
| RY506-F      | 10FC-RY506-F-006012   | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/27/2010     | ZINC          | 25.4          | Y           |               |              |           | 25.4          | mg/kg | 4560   | mg/kg |
| RY506-F      | 10FC-RY506-F-006012-D | 7/27/2010   | FD          | 6           | 12        | in         | C200.7          | 9/24/2010     | ALUMINUM      | 17.1          | Y           |               |              |           | 17.1          | mg/kg | 5030   | mg/kg |
| RY506-F      | 10FC-RY506-F-006012-D | 7/27/2010   | FD          | 6           | 12        | in         | C200.7          | 9/24/2010     | IRON          | 8.6           | Y           |               |              |           | 8.6           | mg/kg | 10900  | mg/kg |
| RY506-F      | 10FC-RY506-F-006012-D | 7/27/2010   | FD          | 6           | 12        | in         | C200.7          | 9/24/2010     | LEAD          | 0.86          | Y           |               |              |           | 0.86          | mg/kg | 2350   | mg/kg |
| RY506-F      | 10FC-RY506-F-006012-D | 7/27/2010   | FD          | 6           | 12        | in         | C200.7          | 9/24/2010     | MAGNESIUM     | 428           | Y           |               |              |           | 428           | mg/kg | 3560   | mg/kg |
| RY506-F      | 10FC-RY506-F-006012-D | 7/27/2010   | FD          | 6           | 12        | in         | C200.7          | 9/24/2010     | MANGANESE     | 1.3           | Y           |               |              |           | 1.3           | mg/kg | 215    | mg/kg |
| RY506-F      | 10FC-RY506-F-006012-D | 7/27/2010   | FD          | 6           | 12        | in         | C200.7          | 9/24/2010     | NICKEL        | 3.4           | Y           |               |              |           | 3.4           | mg/kg | 6.7    | mg/kg |
| RY506-F      | 10FC-RY506-F-006012-D | 7/27/2010   | FD          | 6           | 12        | in         | C200.7          | 9/24/2010     | POTASSIUM     | 428           | Y           |               |              |           | 428           | mg/kg | 996    | mg/kg |
| RY506-F      | 10FC-RY506-F-006012-D | 7/27/2010   | FD          | 6           | 12        | in         | C200.7          | 9/24/2010     | SILVER        | 0.86          | Y           |               |              |           | 0.86          | mg/kg | 10     | mg/kg |
| RY506-F      | 10FC-RY506-F-006012-D | 7/27/2010   | FD          | 6           | 12        | in         | C200.7          | 9/24/2010     | SODIUM        | 428           | Y           | J             |              | J         | 428           | mg/kg | 193    | mg/kg |
| RY506-F      | 10FC-RY506-F-006012-D | 7/27/2010   | FD          | 6           | 12        | in         | C200.7          | 9/24/2010     | THALLIUM      | 2.1           | N           | U             |              | U         | 2.1           | mg/kg | 2.1    | mg/kg |
| RY506-F      | 10FC-RY506-F-006012-D | 7/27/2010   | FD          | 6           | 12        | in         | C200.7          | 9/24/2010     | ANTIMONY      | 5.1           | Y           |               |              |           | 5.1           | mg/kg | 472    | mg/kg |
| RY506-F      | 10FC-RY506-F-006012-D | 7/27/2010   | FD          | 6           | 12        | in         | C200.7          | 9/24/2010     | ARSENIC       | 0.86          | Y           |               |              |           | 0.86          | mg/kg | 165    | mg/kg |
| RY506-F      | 10FC-RY506-F-006012-D | 7/27/2010   | FD          | 6           | 12        | in         | C200.7          | 9/24/2010     | BARIUM        | 17.1          | Y           | J             | J            |           | 17.1          | mg/kg | 109    | mg/kg |
| RY506-F      | 10FC-RY506-F-006012-D | 7/27/2010   | FD          | 6           | 12        | in         | C200.7          | 9/24/2010     | BERYLLIUM     | 0.43          | Y           |               |              |           | 0.43          | mg/kg | 0.45   | mg/kg |
| RY506-F      | 10FC-RY506-F-006012-D | 7/27/2010   | FD          | 6           | 12        | in         | C200.7          | 9/24/2010     | CADMIUM       | 0.43          | Y           | J             | J            |           | 0.43          | mg/kg | 13     | mg/kg |
| RY506-F      | 10FC-RY506-F-006012-D | 7/27/2010   | FD          | 6           | 12        | in         | C200.7          | 9/24/2010     | CHROMIUM      | 0.86          | Y           |               |              |           | 0.86          | mg/kg | 6.5    | mg/kg |
| RY506-F      | 10FC-RY506-F-006012-D | 7/27/2010   | FD          | 6           | 12        | in         | C200.7          | 9/24/2010     | COBALT        | 4.3           | Y           | J             |              | J         | 4.3           | mg/kg | 4.1    | mg/kg |
| RY506-F      | 10FC-RY506-F-006012-D | 7/27/2010   | FD          | 6           | 12        | in         | C200.7          | 9/24/2010     | COPPER        | 2.1           | Y           |               |              |           | 2.1           | mg/kg | 44.3   | mg/kg |
| RY506-F      | 10FC-RY506-F-006012-D | 7/27/2010   | FD          | 6           | 12        | in         | C200.7          | 9/24/2010     | VANADIUM      | 4.3           | Y           |               |              |           | 4.3           | mg/kg | 9.3    | mg/kg |
| RY506-F      | 10FC-RY506-F-006012-D | 7/27/2010   | FD          | 6           | 12        | in         | C200.7          | 9/24/2010     | CALCIUM       | 428           | Y           |               |              |           | 428           | mg/kg | 2240   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code       | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|-----------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY506-F      | 10FC-RY506-F-006012-D | 7/27/2010   | FD          | 6           | 12        | in         | C200.7          | 9/24/2010     | SELENIUM      | 3.0                 | N           | U             |              | U         | 3.0                 | mg/kg | 3      | mg/kg |
| RY506-F      | 10FC-RY506-F-006012-D | 7/27/2010   | FD          | 6           | 12        | in         | C200.7          | 9/27/2010     | ZINC          | 20.6                | Y           |               |              |           | 20.6                | mg/kg | 4020   | mg/kg |
| RY506-G      | 10FC-RY506-G-000002   | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | ALUMINUM      | 16.1                | Y           |               |              |           | 16.1                | mg/kg | 7240   | mg/kg |
| RY506-G      | 10FC-RY506-G-000002   | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | IRON          | 8.0                 | Y           |               |              |           | 8.0                 | mg/kg | 11000  | mg/kg |
| RY506-G      | 10FC-RY506-G-000002   | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | LEAD          | 0.80                | Y           |               |              |           | 0.80                | mg/kg | 238    | mg/kg |
| RY506-G      | 10FC-RY506-G-000002   | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | MAGNESIUM     | 402                 | Y           |               |              |           | 402                 | mg/kg | 2840   | mg/kg |
| RY506-G      | 10FC-RY506-G-000002   | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | MANGANESE     | 1.2                 | Y           |               |              |           | 1.2                 | mg/kg | 343    | mg/kg |
| RY506-G      | 10FC-RY506-G-000002   | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | NICKEL        | 3.2                 | Y           |               |              |           | 3.2                 | mg/kg | 7      | mg/kg |
| RY506-G      | 10FC-RY506-G-000002   | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | POTASSIUM     | 402                 | Y           |               |              |           | 402                 | mg/kg | 1750   | mg/kg |
| RY506-G      | 10FC-RY506-G-000002   | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | SILVER        | 0.80                | N           | U             |              | U         | 0.80                | mg/kg | 0.8    | mg/kg |
| RY506-G      | 10FC-RY506-G-000002   | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | SODIUM        | 402                 | Y           | J             |              | J         | 402                 | mg/kg | 262    | mg/kg |
| RY506-G      | 10FC-RY506-G-000002   | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | THALLIUM      | 2.0                 | N           | U             |              | U         | 2.0                 | mg/kg | 2      | mg/kg |
| RY506-G      | 10FC-RY506-G-000002   | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | ANTIMONY      | 4.8                 | Y           |               |              |           | 4.8                 | mg/kg | 15.7   | mg/kg |
| RY506-G      | 10FC-RY506-G-000002   | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | ARSENIC       | 0.80                | Y           |               |              |           | 0.80                | mg/kg | 9.1    | mg/kg |
| RY506-G      | 10FC-RY506-G-000002   | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | BARIUM        | 16.1                | Y           | J             | J            |           | 16.1                | mg/kg | 143    | mg/kg |
| RY506-G      | 10FC-RY506-G-000002   | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | BERYLLIUM     | 0.40                | Y           |               |              |           | 0.40                | mg/kg | 0.47   | mg/kg |
| RY506-G      | 10FC-RY506-G-000002   | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | CADMIUM       | 0.40                | Y           | J             | J            |           | 0.40                | mg/kg | 1.9    | mg/kg |
| RY506-G      | 10FC-RY506-G-000002   | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | CHROMIUM      | 0.80                | Y           |               |              |           | 0.80                | mg/kg | 8.3    | mg/kg |
| RY506-G      | 10FC-RY506-G-000002   | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | COBALT        | 4.0                 | Y           |               |              |           | 4.0                 | mg/kg | 4.7    | mg/kg |
| RY506-G      | 10FC-RY506-G-000002   | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | COPPER        | 2.0                 | Y           |               |              |           | 2.0                 | mg/kg | 29.3   | mg/kg |
| RY506-G      | 10FC-RY506-G-000002   | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | VANADIUM      | 4.0                 | Y           |               |              |           | 4.0                 | mg/kg | 12.9   | mg/kg |
| RY506-G      | 10FC-RY506-G-000002   | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | ZINC          | 4.8                 | Y           |               |              |           | 4.8                 | mg/kg | 485    | mg/kg |
| RY506-G      | 10FC-RY506-G-000002   | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | CALCIUM       | 402                 | Y           |               |              |           | 402                 | mg/kg | 2850   | mg/kg |
| RY506-G      | 10FC-RY506-G-000002   | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | SELENIUM      | 2.8                 | N           | U             |              | U         | 2.8                 | mg/kg | 2.8    | mg/kg |
| RY506-G      | 10FC-RY506-G-002006   | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | ALUMINUM      | 16.3                | Y           |               |              |           | 16.3                | mg/kg | 7370   | mg/kg |
| RY506-G      | 10FC-RY506-G-002006   | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | IRON          | 8.2                 | Y           |               |              |           | 8.2                 | mg/kg | 11000  | mg/kg |
| RY506-G      | 10FC-RY506-G-002006   | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | LEAD          | 0.82                | Y           |               |              |           | 0.82                | mg/kg | 436    | mg/kg |
| RY506-G      | 10FC-RY506-G-002006   | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | MAGNESIUM     | 409                 | Y           |               |              |           | 409                 | mg/kg | 2800   | mg/kg |
| RY506-G      | 10FC-RY506-G-002006   | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | MANGANESE     | 1.2                 | Y           |               |              |           | 1.2                 | mg/kg | 313    | mg/kg |
| RY506-G      | 10FC-RY506-G-002006   | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | NICKEL        | 3.3                 | Y           |               |              |           | 3.3                 | mg/kg | 7      | mg/kg |
| RY506-G      | 10FC-RY506-G-002006   | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | POTASSIUM     | 409                 | Y           |               |              |           | 409                 | mg/kg | 1640   | mg/kg |
| RY506-G      | 10FC-RY506-G-002006   | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | SILVER        | 0.82                | Y           | J             |              | J         | 0.82                | mg/kg | 0.5    | mg/kg |
| RY506-G      | 10FC-RY506-G-002006   | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | SODIUM        | 409                 | Y           | J             |              | J         | 409                 | mg/kg | 216    | mg/kg |
| RY506-G      | 10FC-RY506-G-002006   | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | THALLIUM      | 2.0                 | N           | U             |              | U         | 2.0                 | mg/kg | 2      | mg/kg |
| RY506-G      | 10FC-RY506-G-002006   | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | ANTIMONY      | 4.9                 | Y           |               |              |           | 4.9                 | mg/kg | 44.6   | mg/kg |
| RY506-G      | 10FC-RY506-G-002006   | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | ARSENIC       | 0.82                | Y           |               |              |           | 0.82                | mg/kg | 22.2   | mg/kg |
| RY506-G      | 10FC-RY506-G-002006   | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | BARIUM        | 16.3                | Y           | J             | J            |           | 16.3                | mg/kg | 143    | mg/kg |
| RY506-G      | 10FC-RY506-G-002006   | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | BERYLLIUM     | 0.41                | Y           |               |              |           | 0.41                | mg/kg | 0.51   | mg/kg |
| RY506-G      | 10FC-RY506-G-002006   | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | CADMIUM       | 0.41                | Y           | J             | J            |           | 0.41                | mg/kg | 3.7    | mg/kg |
| RY506-G      | 10FC-RY506-G-002006   | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | CHROMIUM      | 0.82                | Y           |               |              |           | 0.82                | mg/kg | 8      | mg/kg |
| RY506-G      | 10FC-RY506-G-002006   | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | COBALT        | 4.1                 | Y           |               |              |           | 4.1                 | mg/kg | 5.4    | mg/kg |
| RY506-G      | 10FC-RY506-G-002006   | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | COPPER        | 2.0                 | Y           |               |              |           | 2.0                 | mg/kg | 26.3   | mg/kg |
| RY506-G      | 10FC-RY506-G-002006   | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | VANADIUM      | 4.1                 | Y           |               |              |           | 4.1                 | mg/kg | 13.9   | mg/kg |
| RY506-G      | 10FC-RY506-G-002006   | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | ZINC          | 4.9                 | Y           |               |              |           | 4.9                 | mg/kg | 744    | mg/kg |
| RY506-G      | 10FC-RY506-G-002006   | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | CALCIUM       | 409                 | Y           |               |              |           | 409                 | mg/kg | 2700   | mg/kg |
| RY506-G      | 10FC-RY506-G-002006   | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | SELENIUM      | 2.9                 | N           | U             |              | U         | 2.9                 | mg/kg | 2.9    | mg/kg |
| RY506-G      | 10FC-RY506-G-006012   | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | ALUMINUM      | 17.8                | Y           |               |              |           | 17.8                | mg/kg | 7080   | mg/kg |
| RY506-G      | 10FC-RY506-G-006012   | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | IRON          | 8.9                 | Y           |               |              |           | 8.9                 | mg/kg | 9840   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY506-G      | 10FC-RY506-G-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | LEAD          | 0.89          | Y           |               |              |           | 0.89          | mg/kg | 143    | mg/kg |
| RY506-G      | 10FC-RY506-G-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | MAGNESIUM     | 445           | Y           |               |              |           | 445           | mg/kg | 2730   | mg/kg |
| RY506-G      | 10FC-RY506-G-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | MANGANESE     | 1.3           | Y           |               |              |           | 1.3           | mg/kg | 308    | mg/kg |
| RY506-G      | 10FC-RY506-G-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | NICKEL        | 3.6           | Y           |               |              |           | 3.6           | mg/kg | 6.2    | mg/kg |
| RY506-G      | 10FC-RY506-G-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | POTASSIUM     | 445           | Y           |               |              |           | 445           | mg/kg | 1510   | mg/kg |
| RY506-G      | 10FC-RY506-G-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | SILVER        | 0.89          | N           | U             |              | U         | 0.89          | mg/kg | 0.89   | mg/kg |
| RY506-G      | 10FC-RY506-G-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | SODIUM        | 445           | Y           | J             |              | J         | 445           | mg/kg | 309    | mg/kg |
| RY506-G      | 10FC-RY506-G-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | THALLIUM      | 2.2           | N           | U             |              | U         | 2.2           | mg/kg | 2.2    | mg/kg |
| RY506-G      | 10FC-RY506-G-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | ANTIMONY      | 5.3           | Y           |               |              |           | 5.3           | mg/kg | 16.6   | mg/kg |
| RY506-G      | 10FC-RY506-G-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | ARSENIC       | 0.89          | Y           |               |              |           | 0.89          | mg/kg | 7.6    | mg/kg |
| RY506-G      | 10FC-RY506-G-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | BARIUM        | 17.8          | Y           | J             | J            |           | 17.8          | mg/kg | 126    | mg/kg |
| RY506-G      | 10FC-RY506-G-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | BERYLLIUM     | 0.44          | Y           | J             |              | J         | 0.44          | mg/kg | 0.43   | mg/kg |
| RY506-G      | 10FC-RY506-G-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | CADMIUM       | 0.44          | Y           | J             | J            |           | 0.44          | mg/kg | 1.5    | mg/kg |
| RY506-G      | 10FC-RY506-G-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | CHROMIUM      | 0.89          | Y           |               |              |           | 0.89          | mg/kg | 7.2    | mg/kg |
| RY506-G      | 10FC-RY506-G-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | COBALT        | 4.4           | Y           |               |              |           | 4.4           | mg/kg | 4.5    | mg/kg |
| RY506-G      | 10FC-RY506-G-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | COPPER        | 2.2           | Y           |               |              |           | 2.2           | mg/kg | 14.2   | mg/kg |
| RY506-G      | 10FC-RY506-G-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | VANADIUM      | 4.4           | Y           |               |              |           | 4.4           | mg/kg | 12.3   | mg/kg |
| RY506-G      | 10FC-RY506-G-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | ZINC          | 5.3           | Y           |               |              |           | 5.3           | mg/kg | 414    | mg/kg |
| RY506-G      | 10FC-RY506-G-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | CALCIUM       | 445           | Y           |               |              |           | 445           | mg/kg | 2210   | mg/kg |
| RY506-G      | 10FC-RY506-G-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | SELENIUM      | 3.1           | N           | U             |              | U         | 3.1           | mg/kg | 3.1    | mg/kg |
| RY506-H      | 10FC-RY506-H-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | ALUMINUM      | 21.5          | Y           |               |              |           | 21.5          | mg/kg | 7940   | mg/kg |
| RY506-H      | 10FC-RY506-H-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | IRON          | 10.8          | Y           |               |              |           | 10.8          | mg/kg | 10600  | mg/kg |
| RY506-H      | 10FC-RY506-H-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | LEAD          | 1.1           | Y           |               |              |           | 1.1           | mg/kg | 137    | mg/kg |
| RY506-H      | 10FC-RY506-H-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | MAGNESIUM     | 538           | Y           |               |              |           | 538           | mg/kg | 3100   | mg/kg |
| RY506-H      | 10FC-RY506-H-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | MANGANESE     | 1.6           | Y           |               |              |           | 1.6           | mg/kg | 395    | mg/kg |
| RY506-H      | 10FC-RY506-H-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | NICKEL        | 4.3           | Y           |               |              |           | 4.3           | mg/kg | 7.5    | mg/kg |
| RY506-H      | 10FC-RY506-H-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | POTASSIUM     | 538           | Y           |               |              |           | 538           | mg/kg | 1840   | mg/kg |
| RY506-H      | 10FC-RY506-H-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | SILVER        | 1.1           | N           | U             |              | U         | 1.1           | mg/kg | 1.1    | mg/kg |
| RY506-H      | 10FC-RY506-H-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | SODIUM        | 538           | Y           | J             |              | J         | 538           | mg/kg | 409    | mg/kg |
| RY506-H      | 10FC-RY506-H-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | THALLIUM      | 2.7           | N           | U             |              | U         | 2.7           | mg/kg | 2.7    | mg/kg |
| RY506-H      | 10FC-RY506-H-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | ANTIMONY      | 6.5           | Y           |               |              |           | 6.5           | mg/kg | 9.7    | mg/kg |
| RY506-H      | 10FC-RY506-H-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | ARSENIC       | 1.1           | Y           |               |              |           | 1.1           | mg/kg | 6.1    | mg/kg |
| RY506-H      | 10FC-RY506-H-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | BARIUM        | 21.5          | Y           | J             | J            |           | 21.5          | mg/kg | 204    | mg/kg |
| RY506-H      | 10FC-RY506-H-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | BERYLLIUM     | 0.54          | Y           | J             |              | J         | 0.54          | mg/kg | 0.45   | mg/kg |
| RY506-H      | 10FC-RY506-H-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | CADMIUM       | 0.54          | Y           | J             | J            |           | 0.54          | mg/kg | 1.3    | mg/kg |
| RY506-H      | 10FC-RY506-H-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | CHROMIUM      | 1.1           | Y           |               |              |           | 1.1           | mg/kg | 9.5    | mg/kg |
| RY506-H      | 10FC-RY506-H-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | COBALT        | 5.4           | Y           | J             |              | J         | 5.4           | mg/kg | 4.8    | mg/kg |
| RY506-H      | 10FC-RY506-H-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | COPPER        | 2.7           | Y           |               |              |           | 2.7           | mg/kg | 28.6   | mg/kg |
| RY506-H      | 10FC-RY506-H-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | VANADIUM      | 5.4           | Y           |               |              |           | 5.4           | mg/kg | 12.3   | mg/kg |
| RY506-H      | 10FC-RY506-H-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | ZINC          | 6.5           | Y           |               |              |           | 6.5           | mg/kg | 400    | mg/kg |
| RY506-H      | 10FC-RY506-H-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | CALCIUM       | 538           | Y           |               |              |           | 538           | mg/kg | 7650   | mg/kg |
| RY506-H      | 10FC-RY506-H-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | SELENIUM      | 3.8           | N           | U             |              | U         | 3.8           | mg/kg | 3.8    | mg/kg |
| RY506-H      | 10FC-RY506-H-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | ALUMINUM      | 21.3          | Y           |               |              |           | 21.3          | mg/kg | 8220   | mg/kg |
| RY506-H      | 10FC-RY506-H-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | IRON          | 10.6          | Y           |               |              |           | 10.6          | mg/kg | 10600  | mg/kg |
| RY506-H      | 10FC-RY506-H-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | LEAD          | 1.1           | Y           |               |              |           | 1.1           | mg/kg | 147    | mg/kg |
| RY506-H      | 10FC-RY506-H-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | MAGNESIUM     | 532           | Y           |               |              |           | 532           | mg/kg | 3170   | mg/kg |
| RY506-H      | 10FC-RY506-H-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | MANGANESE     | 1.6           | Y           |               |              |           | 1.6           | mg/kg | 426    | mg/kg |
| RY506-H      | 10FC-RY506-H-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | NICKEL        | 4.3           | Y           |               |              |           | 4.3           | mg/kg | 7.4    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY506-H      | 10FC-RY506-H-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | POTASSIUM     | 532           | Y           |               |              |           | 532                 | mg/kg | 1640   | mg/kg |
| RY506-H      | 10FC-RY506-H-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | SILVER        | 1.1           | Y           | J             |              | J         | 1.1                 | mg/kg | 0.1    | mg/kg |
| RY506-H      | 10FC-RY506-H-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | SODIUM        | 532           | Y           | J             |              | J         | 532                 | mg/kg | 411    | mg/kg |
| RY506-H      | 10FC-RY506-H-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | THALLIUM      | 2.7           | N           | U             |              | U         | 2.7                 | mg/kg | 2.7    | mg/kg |
| RY506-H      | 10FC-RY506-H-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | ANTIMONY      | 6.4           | Y           |               |              |           | 6.4                 | mg/kg | 10.6   | mg/kg |
| RY506-H      | 10FC-RY506-H-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | ARSENIC       | 1.1           | Y           |               |              |           | 1.1                 | mg/kg | 6.9    | mg/kg |
| RY506-H      | 10FC-RY506-H-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | BARIUM        | 21.3          | Y           | J             | J            |           | 21.3                | mg/kg | 205    | mg/kg |
| RY506-H      | 10FC-RY506-H-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | BERYLLIUM     | 0.53          | Y           | J             |              | J         | 0.53                | mg/kg | 0.45   | mg/kg |
| RY506-H      | 10FC-RY506-H-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | CADMIUM       | 0.53          | Y           | J             | J            |           | 0.53                | mg/kg | 1.3    | mg/kg |
| RY506-H      | 10FC-RY506-H-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | CHROMIUM      | 1.1           | Y           |               |              |           | 1.1                 | mg/kg | 9.5    | mg/kg |
| RY506-H      | 10FC-RY506-H-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | COBALT        | 5.3           | Y           | J             |              | J         | 5.3                 | mg/kg | 4.7    | mg/kg |
| RY506-H      | 10FC-RY506-H-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | COPPER        | 2.7           | Y           |               |              |           | 2.7                 | mg/kg | 29.5   | mg/kg |
| RY506-H      | 10FC-RY506-H-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | VANADIUM      | 5.3           | Y           |               |              |           | 5.3                 | mg/kg | 12.9   | mg/kg |
| RY506-H      | 10FC-RY506-H-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | ZINC          | 6.4           | Y           |               |              |           | 6.4                 | mg/kg | 418    | mg/kg |
| RY506-H      | 10FC-RY506-H-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | CALCIUM       | 532           | Y           |               |              |           | 532                 | mg/kg | 7870   | mg/kg |
| RY506-H      | 10FC-RY506-H-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | SELENIUM      | 3.7           | N           | U             |              | U         | 3.7                 | mg/kg | 3.7    | mg/kg |
| RY506-H      | 10FC-RY506-H-006102 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | ALUMINUM      | 17.0          | Y           |               |              |           | 17.0                | mg/kg | 8400   | mg/kg |
| RY506-H      | 10FC-RY506-H-006102 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | IRON          | 8.5           | Y           |               |              |           | 8.5                 | mg/kg | 10400  | mg/kg |
| RY506-H      | 10FC-RY506-H-006102 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | LEAD          | 0.85          | Y           |               |              |           | 0.85                | mg/kg | 119    | mg/kg |
| RY506-H      | 10FC-RY506-H-006102 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | MAGNESIUM     | 424           | Y           |               |              |           | 424                 | mg/kg | 3160   | mg/kg |
| RY506-H      | 10FC-RY506-H-006102 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | MANGANESE     | 1.3           | Y           |               |              |           | 1.3                 | mg/kg | 372    | mg/kg |
| RY506-H      | 10FC-RY506-H-006102 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | NICKEL        | 3.4           | Y           |               |              |           | 3.4                 | mg/kg | 7.5    | mg/kg |
| RY506-H      | 10FC-RY506-H-006102 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | POTASSIUM     | 424           | Y           |               |              |           | 424                 | mg/kg | 1540   | mg/kg |
| RY506-H      | 10FC-RY506-H-006102 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | SILVER        | 0.85          | N           | U             |              | U         | 0.85                | mg/kg | 0.85   | mg/kg |
| RY506-H      | 10FC-RY506-H-006102 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | SODIUM        | 424           | Y           |               |              |           | 424                 | mg/kg | 427    | mg/kg |
| RY506-H      | 10FC-RY506-H-006102 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | THALLIUM      | 2.1           | N           | U             |              | U         | 2.1                 | mg/kg | 2.1    | mg/kg |
| RY506-H      | 10FC-RY506-H-006102 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | ANTIMONY      | 5.1           | Y           |               |              |           | 5.1                 | mg/kg | 9.2    | mg/kg |
| RY506-H      | 10FC-RY506-H-006102 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | ARSENIC       | 0.85          | Y           |               |              |           | 0.85                | mg/kg | 5.8    | mg/kg |
| RY506-H      | 10FC-RY506-H-006102 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | BARIUM        | 17.0          | Y           | J             | J            |           | 17.0                | mg/kg | 177    | mg/kg |
| RY506-H      | 10FC-RY506-H-006102 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | BERYLLIUM     | 0.42          | Y           |               |              |           | 0.42                | mg/kg | 0.45   | mg/kg |
| RY506-H      | 10FC-RY506-H-006102 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | CADMIUM       | 0.42          | Y           | J             | J            |           | 0.42                | mg/kg | 1.2    | mg/kg |
| RY506-H      | 10FC-RY506-H-006102 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | CHROMIUM      | 0.85          | Y           |               |              |           | 0.85                | mg/kg | 8.7    | mg/kg |
| RY506-H      | 10FC-RY506-H-006102 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | COBALT        | 4.2           | Y           |               |              |           | 4.2                 | mg/kg | 4.7    | mg/kg |
| RY506-H      | 10FC-RY506-H-006102 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | COPPER        | 2.1           | Y           |               |              |           | 2.1                 | mg/kg | 24.3   | mg/kg |
| RY506-H      | 10FC-RY506-H-006102 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | VANADIUM      | 4.2           | Y           |               |              |           | 4.2                 | mg/kg | 12.6   | mg/kg |
| RY506-H      | 10FC-RY506-H-006102 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | ZINC          | 5.1           | Y           |               |              |           | 5.1                 | mg/kg | 332    | mg/kg |
| RY506-H      | 10FC-RY506-H-006102 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | CALCIUM       | 424           | Y           |               |              |           | 424                 | mg/kg | 8410   | mg/kg |
| RY506-H      | 10FC-RY506-H-006102 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | SELENIUM      | 3.0           | N           | U             |              | U         | 3.0                 | mg/kg | 3      | mg/kg |
| RY506-I      | 10FC-RY506-I-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | ALUMINUM      | 16.9          | Y           |               |              |           | 16.9                | mg/kg | 7870   | mg/kg |
| RY506-I      | 10FC-RY506-I-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | IRON          | 8.4           | Y           |               |              |           | 8.4                 | mg/kg | 11000  | mg/kg |
| RY506-I      | 10FC-RY506-I-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | LEAD          | 0.84          | Y           |               |              |           | 0.84                | mg/kg | 256    | mg/kg |
| RY506-I      | 10FC-RY506-I-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | MAGNESIUM     | 422           | Y           |               |              |           | 422                 | mg/kg | 3910   | mg/kg |
| RY506-I      | 10FC-RY506-I-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | MANGANESE     | 1.3           | Y           |               |              |           | 1.3                 | mg/kg | 478    | mg/kg |
| RY506-I      | 10FC-RY506-I-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | NICKEL        | 3.4           | Y           |               |              |           | 3.4                 | mg/kg | 8.5    | mg/kg |
| RY506-I      | 10FC-RY506-I-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | POTASSIUM     | 422           | Y           |               |              |           | 422                 | mg/kg | 2240   | mg/kg |
| RY506-I      | 10FC-RY506-I-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | SILVER        | 0.84          | Y           | J             |              | J         | 0.84                | mg/kg | 0.39   | mg/kg |
| RY506-I      | 10FC-RY506-I-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | SODIUM        | 422           | Y           | J             |              | J         | 422                 | mg/kg | 400    | mg/kg |
| RY506-I      | 10FC-RY506-I-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | THALLIUM      | 2.1           | N           | U             |              | U         | 2.1                 | mg/kg | 2.1    | mg/kg |

## Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report       | detect flag | interp. quals | valid. quals | lab quals | report       | result | unit        |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|--------------|-------------|---------------|--------------|-----------|--------------|--------|-------------|
|              |                     |             |             |             |           |            |                 |               |               | result limit |             |               |              |           | detect limit |        |             |
| RY506-I      | 10FC-RY506-I-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | ANTIMONY      | 5.1          | Y           |               |              |           | 5.1          | mg/kg  | 22.6 mg/kg  |
| RY506-I      | 10FC-RY506-I-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | ARSENIC       | 0.84         | Y           |               |              |           | 0.84         | mg/kg  | 13.6 mg/kg  |
| RY506-I      | 10FC-RY506-I-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | BARIUM        | 16.9         | Y           | J             | J            |           | 16.9         | mg/kg  | 272 mg/kg   |
| RY506-I      | 10FC-RY506-I-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | BERYLLIUM     | 0.42         | Y           |               |              |           | 0.42         | mg/kg  | 0.49 mg/kg  |
| RY506-I      | 10FC-RY506-I-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | CADMIUM       | 0.42         | Y           | J             | J            |           | 0.42         | mg/kg  | 2.2 mg/kg   |
| RY506-I      | 10FC-RY506-I-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | CHROMIUM      | 0.84         | Y           |               |              |           | 0.84         | mg/kg  | 9.4 mg/kg   |
| RY506-I      | 10FC-RY506-I-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | COBALT        | 4.2          | Y           |               |              |           | 4.2          | mg/kg  | 5 mg/kg     |
| RY506-I      | 10FC-RY506-I-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | COPPER        | 2.1          | Y           |               |              |           | 2.1          | mg/kg  | 88 mg/kg    |
| RY506-I      | 10FC-RY506-I-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | VANADIUM      | 4.2          | Y           |               |              |           | 4.2          | mg/kg  | 12.9 mg/kg  |
| RY506-I      | 10FC-RY506-I-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | ZINC          | 5.1          | Y           |               |              |           | 5.1          | mg/kg  | 783 mg/kg   |
| RY506-I      | 10FC-RY506-I-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | CALCIUM       | 422          | Y           |               |              |           | 422          | mg/kg  | 10300 mg/kg |
| RY506-I      | 10FC-RY506-I-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | SELENIUM      | 3.0          | N           | U             |              | U         | 3.0          | mg/kg  | 3 mg/kg     |
| RY506-I      | 10FC-RY506-I-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | ALUMINUM      | 19.3         | Y           |               |              |           | 19.3         | mg/kg  | 8120 mg/kg  |
| RY506-I      | 10FC-RY506-I-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | IRON          | 9.6          | Y           |               |              |           | 9.6          | mg/kg  | 11500 mg/kg |
| RY506-I      | 10FC-RY506-I-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | LEAD          | 0.96         | Y           |               |              |           | 0.96         | mg/kg  | 271 mg/kg   |
| RY506-I      | 10FC-RY506-I-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | MAGNESIUM     | 482          | Y           |               |              |           | 482          | mg/kg  | 3800 mg/kg  |
| RY506-I      | 10FC-RY506-I-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | MANGANESE     | 1.4          | Y           |               |              |           | 1.4          | mg/kg  | 452 mg/kg   |
| RY506-I      | 10FC-RY506-I-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | NICKEL        | 3.9          | Y           |               |              |           | 3.9          | mg/kg  | 8.4 mg/kg   |
| RY506-I      | 10FC-RY506-I-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | POTASSIUM     | 482          | Y           |               |              |           | 482          | mg/kg  | 2180 mg/kg  |
| RY506-I      | 10FC-RY506-I-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | SILVER        | 0.96         | Y           | J             |              | J         | 0.96         | mg/kg  | 0.35 mg/kg  |
| RY506-I      | 10FC-RY506-I-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | SODIUM        | 482          | Y           | J             |              | J         | 482          | mg/kg  | 414 mg/kg   |
| RY506-I      | 10FC-RY506-I-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | THALLIUM      | 2.4          | N           | U             |              | U         | 2.4          | mg/kg  | 2.4 mg/kg   |
| RY506-I      | 10FC-RY506-I-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | ANTIMONY      | 5.8          | Y           |               |              |           | 5.8          | mg/kg  | 22.7 mg/kg  |
| RY506-I      | 10FC-RY506-I-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | ARSENIC       | 0.96         | Y           |               |              |           | 0.96         | mg/kg  | 27 mg/kg    |
| RY506-I      | 10FC-RY506-I-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | BARIUM        | 19.3         | Y           | J             | J            |           | 19.3         | mg/kg  | 258 mg/kg   |
| RY506-I      | 10FC-RY506-I-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | BERYLLIUM     | 0.48         | Y           |               |              |           | 0.48         | mg/kg  | 0.51 mg/kg  |
| RY506-I      | 10FC-RY506-I-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | CADMIUM       | 0.48         | Y           | J             | J            |           | 0.48         | mg/kg  | 2.3 mg/kg   |
| RY506-I      | 10FC-RY506-I-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | CHROMIUM      | 0.96         | Y           |               |              |           | 0.96         | mg/kg  | 8.7 mg/kg   |
| RY506-I      | 10FC-RY506-I-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | COBALT        | 4.8          | Y           |               |              |           | 4.8          | mg/kg  | 5.2 mg/kg   |
| RY506-I      | 10FC-RY506-I-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | COPPER        | 2.4          | Y           |               |              |           | 2.4          | mg/kg  | 57.4 mg/kg  |
| RY506-I      | 10FC-RY506-I-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | VANADIUM      | 4.8          | Y           |               |              |           | 4.8          | mg/kg  | 13.2 mg/kg  |
| RY506-I      | 10FC-RY506-I-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | ZINC          | 5.8          | Y           |               |              |           | 5.8          | mg/kg  | 677 mg/kg   |
| RY506-I      | 10FC-RY506-I-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | CALCIUM       | 482          | Y           |               |              |           | 482          | mg/kg  | 10600 mg/kg |
| RY506-I      | 10FC-RY506-I-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | SELENIUM      | 3.4          | N           | U             |              | U         | 3.4          | mg/kg  | 3.4 mg/kg   |
| RY506-I      | 10FC-RY506-I-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | ALUMINUM      | 21.4         | Y           |               |              |           | 21.4         | mg/kg  | 8110 mg/kg  |
| RY506-I      | 10FC-RY506-I-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | IRON          | 10.7         | Y           |               |              |           | 10.7         | mg/kg  | 11800 mg/kg |
| RY506-I      | 10FC-RY506-I-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | LEAD          | 1.1          | Y           |               |              |           | 1.1          | mg/kg  | 278 mg/kg   |
| RY506-I      | 10FC-RY506-I-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | MAGNESIUM     | 534          | Y           |               |              |           | 534          | mg/kg  | 4150 mg/kg  |
| RY506-I      | 10FC-RY506-I-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | MANGANESE     | 1.6          | Y           |               |              |           | 1.6          | mg/kg  | 450 mg/kg   |
| RY506-I      | 10FC-RY506-I-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | NICKEL        | 4.3          | Y           |               |              |           | 4.3          | mg/kg  | 8.6 mg/kg   |
| RY506-I      | 10FC-RY506-I-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | POTASSIUM     | 534          | Y           |               |              |           | 534          | mg/kg  | 2160 mg/kg  |
| RY506-I      | 10FC-RY506-I-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | SILVER        | 1.1          | Y           | J             |              | J         | 1.1          | mg/kg  | 0.25 mg/kg  |
| RY506-I      | 10FC-RY506-I-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | SODIUM        | 534          | Y           | J             |              | J         | 534          | mg/kg  | 423 mg/kg   |
| RY506-I      | 10FC-RY506-I-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | THALLIUM      | 2.7          | N           | U             |              | U         | 2.7          | mg/kg  | 2.7 mg/kg   |
| RY506-I      | 10FC-RY506-I-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | ANTIMONY      | 6.4          | Y           |               |              |           | 6.4          | mg/kg  | 23.9 mg/kg  |
| RY506-I      | 10FC-RY506-I-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | ARSENIC       | 1.1          | Y           |               |              |           | 1.1          | mg/kg  | 17.9 mg/kg  |
| RY506-I      | 10FC-RY506-I-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | BARIUM        | 21.4         | Y           | J             | J            |           | 21.4         | mg/kg  | 275 mg/kg   |
| RY506-I      | 10FC-RY506-I-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | BERYLLIUM     | 0.53         | Y           | J             |              | J         | 0.53         | mg/kg  | 0.5 mg/kg   |

## Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY506-I      | 10FC-RY506-I-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | CADMIUM       | 0.53                | Y           | J             | J            |           | 0.53                | mg/kg | 2      | mg/kg |
| RY506-I      | 10FC-RY506-I-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | CHROMIUM      | 1.1                 | Y           |               |              |           | 1.1                 | mg/kg | 9.5    | mg/kg |
| RY506-I      | 10FC-RY506-I-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | COBALT        | 5.3                 | Y           | J             |              | J         | 5.3                 | mg/kg | 5.2    | mg/kg |
| RY506-I      | 10FC-RY506-I-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | COPPER        | 2.7                 | Y           |               |              |           | 2.7                 | mg/kg | 32.2   | mg/kg |
| RY506-I      | 10FC-RY506-I-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | VANADIUM      | 5.3                 | Y           |               |              |           | 5.3                 | mg/kg | 13.6   | mg/kg |
| RY506-I      | 10FC-RY506-I-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | ZINC          | 6.4                 | Y           |               |              |           | 6.4                 | mg/kg | 548    | mg/kg |
| RY506-I      | 10FC-RY506-I-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | CALCIUM       | 534                 | Y           |               |              |           | 534                 | mg/kg | 10100  | mg/kg |
| RY506-I      | 10FC-RY506-I-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | SELENIUM      | 3.7                 | N           | U             |              | U         | 3.7                 | mg/kg | 3.7    | mg/kg |
| RY506-J      | 10FC-RY506-J-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | ALUMINUM      | 17.9                | Y           |               |              |           | 17.9                | mg/kg | 6990   | mg/kg |
| RY506-J      | 10FC-RY506-J-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | IRON          | 9.0                 | Y           |               |              |           | 9.0                 | mg/kg | 12000  | mg/kg |
| RY506-J      | 10FC-RY506-J-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | LEAD          | 0.90                | Y           |               |              |           | 0.90                | mg/kg | 214    | mg/kg |
| RY506-J      | 10FC-RY506-J-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | MAGNESIUM     | 448                 | Y           |               |              |           | 448                 | mg/kg | 4120   | mg/kg |
| RY506-J      | 10FC-RY506-J-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | MANGANESE     | 1.3                 | Y           |               |              |           | 1.3                 | mg/kg | 327    | mg/kg |
| RY506-J      | 10FC-RY506-J-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | NICKEL        | 3.6                 | Y           |               |              |           | 3.6                 | mg/kg | 8.3    | mg/kg |
| RY506-J      | 10FC-RY506-J-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | POTASSIUM     | 448                 | Y           |               |              |           | 448                 | mg/kg | 1330   | mg/kg |
| RY506-J      | 10FC-RY506-J-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | SILVER        | 0.90                | N           | U             |              | U         | 0.90                | mg/kg | 0.9    | mg/kg |
| RY506-J      | 10FC-RY506-J-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | SODIUM        | 448                 | Y           | J             |              | J         | 448                 | mg/kg | 345    | mg/kg |
| RY506-J      | 10FC-RY506-J-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | THALLIUM      | 2.2                 | N           | U             |              | U         | 2.2                 | mg/kg | 2.2    | mg/kg |
| RY506-J      | 10FC-RY506-J-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | ANTIMONY      | 5.4                 | Y           |               |              |           | 5.4                 | mg/kg | 29.3   | mg/kg |
| RY506-J      | 10FC-RY506-J-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | ARSENIC       | 0.90                | Y           |               |              |           | 0.90                | mg/kg | 18     | mg/kg |
| RY506-J      | 10FC-RY506-J-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | BARIUM        | 17.9                | Y           | J             |              | J         | 17.9                | mg/kg | 160    | mg/kg |
| RY506-J      | 10FC-RY506-J-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | BERYLLIUM     | 0.45                | Y           |               |              |           | 0.45                | mg/kg | 0.49   | mg/kg |
| RY506-J      | 10FC-RY506-J-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | CADMIUM       | 0.45                | Y           | J             |              | J         | 0.45                | mg/kg | 3      | mg/kg |
| RY506-J      | 10FC-RY506-J-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | CHROMIUM      | 0.90                | Y           |               |              |           | 0.90                | mg/kg | 8.2    | mg/kg |
| RY506-J      | 10FC-RY506-J-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | COBALT        | 4.5                 | Y           |               |              |           | 4.5                 | mg/kg | 5      | mg/kg |
| RY506-J      | 10FC-RY506-J-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | COPPER        | 2.2                 | Y           |               |              |           | 2.2                 | mg/kg | 28.2   | mg/kg |
| RY506-J      | 10FC-RY506-J-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | VANADIUM      | 4.5                 | Y           |               |              |           | 4.5                 | mg/kg | 12.5   | mg/kg |
| RY506-J      | 10FC-RY506-J-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | ZINC          | 5.4                 | Y           |               |              |           | 5.4                 | mg/kg | 784    | mg/kg |
| RY506-J      | 10FC-RY506-J-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | CALCIUM       | 448                 | Y           |               |              |           | 448                 | mg/kg | 7690   | mg/kg |
| RY506-J      | 10FC-RY506-J-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | SELENIUM      | 3.1                 | N           | U             |              | U         | 3.1                 | mg/kg | 3.1    | mg/kg |
| RY506-J      | 10FC-RY506-J-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | ALUMINUM      | 16.9                | Y           |               |              |           | 16.9                | mg/kg | 6780   | mg/kg |
| RY506-J      | 10FC-RY506-J-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | IRON          | 8.4                 | Y           |               |              |           | 8.4                 | mg/kg | 12000  | mg/kg |
| RY506-J      | 10FC-RY506-J-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | LEAD          | 0.84                | Y           |               |              |           | 0.84                | mg/kg | 260    | mg/kg |
| RY506-J      | 10FC-RY506-J-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | MAGNESIUM     | 422                 | Y           |               |              |           | 422                 | mg/kg | 3840   | mg/kg |
| RY506-J      | 10FC-RY506-J-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | MANGANESE     | 1.3                 | Y           |               |              |           | 1.3                 | mg/kg | 342    | mg/kg |
| RY506-J      | 10FC-RY506-J-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | NICKEL        | 3.4                 | Y           |               |              |           | 3.4                 | mg/kg | 8.6    | mg/kg |
| RY506-J      | 10FC-RY506-J-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | POTASSIUM     | 422                 | Y           |               |              |           | 422                 | mg/kg | 1370   | mg/kg |
| RY506-J      | 10FC-RY506-J-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | SILVER        | 0.84                | Y           | J             |              | J         | 0.84                | mg/kg | 0.16   | mg/kg |
| RY506-J      | 10FC-RY506-J-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | SODIUM        | 422                 | Y           | J             |              | J         | 422                 | mg/kg | 288    | mg/kg |
| RY506-J      | 10FC-RY506-J-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | THALLIUM      | 2.1                 | N           | U             |              | U         | 2.1                 | mg/kg | 2.1    | mg/kg |
| RY506-J      | 10FC-RY506-J-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | ANTIMONY      | 5.1                 | Y           |               |              |           | 5.1                 | mg/kg | 32.2   | mg/kg |
| RY506-J      | 10FC-RY506-J-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | ARSENIC       | 0.84                | Y           |               |              |           | 0.84                | mg/kg | 17.2   | mg/kg |
| RY506-J      | 10FC-RY506-J-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | BARIUM        | 16.9                | Y           | J             |              | J         | 16.9                | mg/kg | 136    | mg/kg |
| RY506-J      | 10FC-RY506-J-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | BERYLLIUM     | 0.42                | Y           |               |              |           | 0.42                | mg/kg | 0.46   | mg/kg |
| RY506-J      | 10FC-RY506-J-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | CADMIUM       | 0.42                | Y           | J             |              | J         | 0.42                | mg/kg | 2.9    | mg/kg |
| RY506-J      | 10FC-RY506-J-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | CHROMIUM      | 0.84                | Y           |               |              |           | 0.84                | mg/kg | 8.1    | mg/kg |
| RY506-J      | 10FC-RY506-J-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | COBALT        | 4.2                 | Y           |               |              |           | 4.2                 | mg/kg | 5      | mg/kg |
| RY506-J      | 10FC-RY506-J-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | COPPER        | 2.1                 | Y           |               |              |           | 2.1                 | mg/kg | 30.8   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code       | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|-----------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                       |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY506-J      | 10FC-RY506-J-002006   | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | VANADIUM      | 4.2           | Y           |               |              |           | 4.2           | mg/kg | 12.4   | mg/kg |
| RY506-J      | 10FC-RY506-J-002006   | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | ZINC          | 5.1           | Y           |               |              |           | 5.1           | mg/kg | 655    | mg/kg |
| RY506-J      | 10FC-RY506-J-002006   | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | CALCIUM       | 422           | Y           |               |              |           | 422           | mg/kg | 6910   | mg/kg |
| RY506-J      | 10FC-RY506-J-002006   | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | SELENIUM      | 3.0           | N           | U             |              | U         | 3.0           | mg/kg | 3      | mg/kg |
| RY506-J      | 10FC-RY506-J-006012   | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | ALUMINUM      | 20.9          | Y           |               |              |           | 20.9          | mg/kg | 8060   | mg/kg |
| RY506-J      | 10FC-RY506-J-006012   | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | IRON          | 10.5          | Y           |               |              |           | 10.5          | mg/kg | 13000  | mg/kg |
| RY506-J      | 10FC-RY506-J-006012   | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | LEAD          | 1.0           | Y           | J             | J            |           | 1.0           | mg/kg | 234    | mg/kg |
| RY506-J      | 10FC-RY506-J-006012   | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | MAGNESIUM     | 523           | Y           |               |              |           | 523           | mg/kg | 4150   | mg/kg |
| RY506-J      | 10FC-RY506-J-006012   | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | MANGANESE     | 1.6           | Y           |               |              |           | 1.6           | mg/kg | 340    | mg/kg |
| RY506-J      | 10FC-RY506-J-006012   | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | NICKEL        | 4.2           | Y           |               |              |           | 4.2           | mg/kg | 8.8    | mg/kg |
| RY506-J      | 10FC-RY506-J-006012   | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | POTASSIUM     | 523           | Y           |               |              |           | 523           | mg/kg | 1480   | mg/kg |
| RY506-J      | 10FC-RY506-J-006012   | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | SILVER        | 1.0           | N           | U             |              | U         | 1.0           | mg/kg | 1      | mg/kg |
| RY506-J      | 10FC-RY506-J-006012   | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | SODIUM        | 523           | Y           | J             |              | J         | 523           | mg/kg | 405    | mg/kg |
| RY506-J      | 10FC-RY506-J-006012   | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | THALLIUM      | 2.6           | N           | U             |              | U         | 2.6           | mg/kg | 2.6    | mg/kg |
| RY506-J      | 10FC-RY506-J-006012   | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | ANTIMONY      | 6.3           | Y           | J             | J            |           | 6.3           | mg/kg | 34.9   | mg/kg |
| RY506-J      | 10FC-RY506-J-006012   | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | ARSENIC       | 1.0           | Y           |               |              |           | 1.0           | mg/kg | 17.6   | mg/kg |
| RY506-J      | 10FC-RY506-J-006012   | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | BARIUM        | 20.9          | Y           | J             | J            |           | 20.9          | mg/kg | 152    | mg/kg |
| RY506-J      | 10FC-RY506-J-006012   | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | BERYLLIUM     | 0.52          | Y           |               |              |           | 0.52          | mg/kg | 0.54   | mg/kg |
| RY506-J      | 10FC-RY506-J-006012   | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | CADMIUM       | 0.52          | Y           | J             | J            |           | 0.52          | mg/kg | 3.9    | mg/kg |
| RY506-J      | 10FC-RY506-J-006012   | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | CHROMIUM      | 1.0           | Y           |               |              |           | 1.0           | mg/kg | 8.2    | mg/kg |
| RY506-J      | 10FC-RY506-J-006012   | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | COBALT        | 5.2           | Y           |               |              |           | 5.2           | mg/kg | 5.5    | mg/kg |
| RY506-J      | 10FC-RY506-J-006012   | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | COPPER        | 2.6           | Y           |               |              |           | 2.6           | mg/kg | 28.1   | mg/kg |
| RY506-J      | 10FC-RY506-J-006012   | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | VANADIUM      | 5.2           | Y           |               |              |           | 5.2           | mg/kg | 13.6   | mg/kg |
| RY506-J      | 10FC-RY506-J-006012   | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | ZINC          | 6.3           | Y           |               |              |           | 6.3           | mg/kg | 858    | mg/kg |
| RY506-J      | 10FC-RY506-J-006012   | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | CALCIUM       | 523           | Y           |               |              |           | 523           | mg/kg | 6930   | mg/kg |
| RY506-J      | 10FC-RY506-J-006012   | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | SELENIUM      | 3.7           | N           | U             |              | U         | 3.7           | mg/kg | 3.7    | mg/kg |
| RY506-J      | 10FC-RY506-J-006012-D | 7/27/2010   | FD          | 6           | 12        | in         | C200.7          | 9/24/2010     | ALUMINUM      | 21.4          | Y           |               |              |           | 21.4          | mg/kg | 6880   | mg/kg |
| RY506-J      | 10FC-RY506-J-006012-D | 7/27/2010   | FD          | 6           | 12        | in         | C200.7          | 9/24/2010     | IRON          | 10.7          | Y           |               |              |           | 10.7          | mg/kg | 13600  | mg/kg |
| RY506-J      | 10FC-RY506-J-006012-D | 7/27/2010   | FD          | 6           | 12        | in         | C200.7          | 9/24/2010     | LEAD          | 1.1           | Y           | J             | J            |           | 1.1           | mg/kg | 348    | mg/kg |
| RY506-J      | 10FC-RY506-J-006012-D | 7/27/2010   | FD          | 6           | 12        | in         | C200.7          | 9/24/2010     | MAGNESIUM     | 535           | Y           |               |              |           | 535           | mg/kg | 3660   | mg/kg |
| RY506-J      | 10FC-RY506-J-006012-D | 7/27/2010   | FD          | 6           | 12        | in         | C200.7          | 9/24/2010     | MANGANESE     | 1.6           | Y           |               |              |           | 1.6           | mg/kg | 340    | mg/kg |
| RY506-J      | 10FC-RY506-J-006012-D | 7/27/2010   | FD          | 6           | 12        | in         | C200.7          | 9/24/2010     | NICKEL        | 4.3           | Y           |               |              |           | 4.3           | mg/kg | 8.1    | mg/kg |
| RY506-J      | 10FC-RY506-J-006012-D | 7/27/2010   | FD          | 6           | 12        | in         | C200.7          | 9/24/2010     | POTASSIUM     | 535           | Y           |               |              |           | 535           | mg/kg | 1370   | mg/kg |
| RY506-J      | 10FC-RY506-J-006012-D | 7/27/2010   | FD          | 6           | 12        | in         | C200.7          | 9/24/2010     | SILVER        | 1.1           | Y           | J             |              | J         | 1.1           | mg/kg | 0.51   | mg/kg |
| RY506-J      | 10FC-RY506-J-006012-D | 7/27/2010   | FD          | 6           | 12        | in         | C200.7          | 9/24/2010     | SODIUM        | 535           | Y           | J             |              | J         | 535           | mg/kg | 309    | mg/kg |
| RY506-J      | 10FC-RY506-J-006012-D | 7/27/2010   | FD          | 6           | 12        | in         | C200.7          | 9/24/2010     | THALLIUM      | 2.7           | N           | U             |              | U         | 2.7           | mg/kg | 2.7    | mg/kg |
| RY506-J      | 10FC-RY506-J-006012-D | 7/27/2010   | FD          | 6           | 12        | in         | C200.7          | 9/24/2010     | ANTIMONY      | 6.4           | Y           | J             | J            |           | 6.4           | mg/kg | 56.3   | mg/kg |
| RY506-J      | 10FC-RY506-J-006012-D | 7/27/2010   | FD          | 6           | 12        | in         | C200.7          | 9/24/2010     | ARSENIC       | 1.1           | Y           |               |              |           | 1.1           | mg/kg | 21.3   | mg/kg |
| RY506-J      | 10FC-RY506-J-006012-D | 7/27/2010   | FD          | 6           | 12        | in         | C200.7          | 9/24/2010     | BARIUM        | 21.4          | Y           | J             | J            |           | 21.4          | mg/kg | 138    | mg/kg |
| RY506-J      | 10FC-RY506-J-006012-D | 7/27/2010   | FD          | 6           | 12        | in         | C200.7          | 9/24/2010     | BERYLLIUM     | 0.54          | Y           | J             |              | J         | 0.54          | mg/kg | 0.49   | mg/kg |
| RY506-J      | 10FC-RY506-J-006012-D | 7/27/2010   | FD          | 6           | 12        | in         | C200.7          | 9/24/2010     | CADMIUM       | 0.54          | Y           | J             | J            |           | 0.54          | mg/kg | 5.4    | mg/kg |
| RY506-J      | 10FC-RY506-J-006012-D | 7/27/2010   | FD          | 6           | 12        | in         | C200.7          | 9/24/2010     | CHROMIUM      | 1.1           | Y           |               |              |           | 1.1           | mg/kg | 7.6    | mg/kg |
| RY506-J      | 10FC-RY506-J-006012-D | 7/27/2010   | FD          | 6           | 12        | in         | C200.7          | 9/24/2010     | COBALT        | 5.4           | Y           | J             |              | J         | 5.4           | mg/kg | 4.9    | mg/kg |
| RY506-J      | 10FC-RY506-J-006012-D | 7/27/2010   | FD          | 6           | 12        | in         | C200.7          | 9/24/2010     | COPPER        | 2.7           | Y           |               |              |           | 2.7           | mg/kg | 28.4   | mg/kg |
| RY506-J      | 10FC-RY506-J-006012-D | 7/27/2010   | FD          | 6           | 12        | in         | C200.7          | 9/24/2010     | VANADIUM      | 5.4           | Y           |               |              |           | 5.4           | mg/kg | 12.6   | mg/kg |
| RY506-J      | 10FC-RY506-J-006012-D | 7/27/2010   | FD          | 6           | 12        | in         | C200.7          | 9/24/2010     | ZINC          | 6.4           | Y           |               |              |           | 6.4           | mg/kg | 1160   | mg/kg |
| RY506-J      | 10FC-RY506-J-006012-D | 7/27/2010   | FD          | 6           | 12        | in         | C200.7          | 9/24/2010     | CALCIUM       | 535           | Y           |               |              |           | 535           | mg/kg | 6650   | mg/kg |
| RY506-J      | 10FC-RY506-J-006012-D | 7/27/2010   | FD          | 6           | 12        | in         | C200.7          | 9/24/2010     | SELENIUM      | 3.7           | N           | U             |              | U         | 3.7           | mg/kg | 3.7    | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY506-K      | 10FC-RY506-K-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | ALUMINUM      | 17.1          | Y           |               |              |           | 17.1                | mg/kg | 3570   | mg/kg |
| RY506-K      | 10FC-RY506-K-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | IRON          | 8.6           | Y           |               |              |           | 8.6                 | mg/kg | 11100  | mg/kg |
| RY506-K      | 10FC-RY506-K-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | LEAD          | 0.86          | Y           |               |              |           | 0.86                | mg/kg | 208    | mg/kg |
| RY506-K      | 10FC-RY506-K-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | MAGNESIUM     | 428           | Y           |               |              |           | 428                 | mg/kg | 2010   | mg/kg |
| RY506-K      | 10FC-RY506-K-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | MANGANESE     | 1.3           | Y           |               |              |           | 1.3                 | mg/kg | 614    | mg/kg |
| RY506-K      | 10FC-RY506-K-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | NICKEL        | 3.4           | Y           |               |              |           | 3.4                 | mg/kg | 7.3    | mg/kg |
| RY506-K      | 10FC-RY506-K-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | POTASSIUM     | 428           | Y           |               |              |           | 428                 | mg/kg | 674    | mg/kg |
| RY506-K      | 10FC-RY506-K-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | SILVER        | 0.86          | N           | U             |              | U         | 0.86                | mg/kg | 0.86   | mg/kg |
| RY506-K      | 10FC-RY506-K-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | SODIUM        | 428           | Y           | J             |              | J         | 428                 | mg/kg | 367    | mg/kg |
| RY506-K      | 10FC-RY506-K-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | THALLIUM      | 2.1           | N           | U             |              | U         | 2.1                 | mg/kg | 2.1    | mg/kg |
| RY506-K      | 10FC-RY506-K-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | ANTIMONY      | 5.1           | Y           |               |              |           | 5.1                 | mg/kg | 6.7    | mg/kg |
| RY506-K      | 10FC-RY506-K-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | ARSENIC       | 0.86          | Y           |               |              |           | 0.86                | mg/kg | 12     | mg/kg |
| RY506-K      | 10FC-RY506-K-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | BARIUM        | 17.1          | Y           | J             | J            |           | 17.1                | mg/kg | 146    | mg/kg |
| RY506-K      | 10FC-RY506-K-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | BERYLLIUM     | 0.43          | Y           | J             |              | J         | 0.43                | mg/kg | 0.32   | mg/kg |
| RY506-K      | 10FC-RY506-K-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | CADMIUM       | 0.43          | Y           | J             | J            |           | 0.43                | mg/kg | 1.7    | mg/kg |
| RY506-K      | 10FC-RY506-K-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | CHROMIUM      | 0.86          | Y           |               |              |           | 0.86                | mg/kg | 15.7   | mg/kg |
| RY506-K      | 10FC-RY506-K-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | COBALT        | 4.3           | Y           | J             |              | J         | 4.3                 | mg/kg | 3.2    | mg/kg |
| RY506-K      | 10FC-RY506-K-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | COPPER        | 2.1           | Y           |               |              |           | 2.1                 | mg/kg | 70     | mg/kg |
| RY506-K      | 10FC-RY506-K-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | VANADIUM      | 4.3           | Y           |               |              |           | 4.3                 | mg/kg | 9.9    | mg/kg |
| RY506-K      | 10FC-RY506-K-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | ZINC          | 5.1           | Y           |               |              |           | 5.1                 | mg/kg | 303    | mg/kg |
| RY506-K      | 10FC-RY506-K-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | CALCIUM       | 428           | Y           |               |              |           | 428                 | mg/kg | 3030   | mg/kg |
| RY506-K      | 10FC-RY506-K-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | SELENIUM      | 3.0           | N           | U             |              | U         | 3.0                 | mg/kg | 3      | mg/kg |
| RY506-K      | 10FC-RY506-K-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | ALUMINUM      | 14.7          | Y           |               |              |           | 14.7                | mg/kg | 3950   | mg/kg |
| RY506-K      | 10FC-RY506-K-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | IRON          | 7.3           | Y           |               |              |           | 7.3                 | mg/kg | 11700  | mg/kg |
| RY506-K      | 10FC-RY506-K-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | LEAD          | 0.73          | Y           |               |              |           | 0.73                | mg/kg | 161    | mg/kg |
| RY506-K      | 10FC-RY506-K-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | MAGNESIUM     | 367           | Y           |               |              |           | 367                 | mg/kg | 2240   | mg/kg |
| RY506-K      | 10FC-RY506-K-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | MANGANESE     | 1.1           | Y           |               |              |           | 1.1                 | mg/kg | 832    | mg/kg |
| RY506-K      | 10FC-RY506-K-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | NICKEL        | 2.9           | Y           |               |              |           | 2.9                 | mg/kg | 8.5    | mg/kg |
| RY506-K      | 10FC-RY506-K-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | POTASSIUM     | 367           | Y           |               |              |           | 367                 | mg/kg | 739    | mg/kg |
| RY506-K      | 10FC-RY506-K-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | SILVER        | 0.73          | N           | U             |              | U         | 0.73                | mg/kg | 0.73   | mg/kg |
| RY506-K      | 10FC-RY506-K-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | SODIUM        | 367           | Y           | J             |              | J         | 367                 | mg/kg | 257    | mg/kg |
| RY506-K      | 10FC-RY506-K-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | THALLIUM      | 1.8           | N           | U             |              | U         | 1.8                 | mg/kg | 1.8    | mg/kg |
| RY506-K      | 10FC-RY506-K-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | ANTIMONY      | 4.4           | Y           |               |              |           | 4.4                 | mg/kg | 6      | mg/kg |
| RY506-K      | 10FC-RY506-K-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | ARSENIC       | 0.73          | Y           |               |              |           | 0.73                | mg/kg | 12.1   | mg/kg |
| RY506-K      | 10FC-RY506-K-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | BARIUM        | 14.7          | Y           | J             | J            |           | 14.7                | mg/kg | 213    | mg/kg |
| RY506-K      | 10FC-RY506-K-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | BERYLLIUM     | 0.37          | Y           | J             |              | J         | 0.37                | mg/kg | 0.33   | mg/kg |
| RY506-K      | 10FC-RY506-K-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | CADMIUM       | 0.37          | Y           | J             | J            |           | 0.37                | mg/kg | 1.2    | mg/kg |
| RY506-K      | 10FC-RY506-K-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | CHROMIUM      | 0.73          | Y           |               |              |           | 0.73                | mg/kg | 11.7   | mg/kg |
| RY506-K      | 10FC-RY506-K-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | COBALT        | 3.7           | Y           | J             |              | J         | 3.7                 | mg/kg | 3.6    | mg/kg |
| RY506-K      | 10FC-RY506-K-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | COPPER        | 1.8           | Y           |               |              |           | 1.8                 | mg/kg | 60.6   | mg/kg |
| RY506-K      | 10FC-RY506-K-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | VANADIUM      | 3.7           | Y           |               |              |           | 3.7                 | mg/kg | 10.2   | mg/kg |
| RY506-K      | 10FC-RY506-K-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | ZINC          | 4.4           | Y           |               |              |           | 4.4                 | mg/kg | 262    | mg/kg |
| RY506-K      | 10FC-RY506-K-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | CALCIUM       | 367           | Y           |               |              |           | 367                 | mg/kg | 3200   | mg/kg |
| RY506-K      | 10FC-RY506-K-002006 | 7/27/2010   | N           | 2           | 6         | in         | C200.7          | 9/24/2010     | SELENIUM      | 2.6           | N           | U             |              | U         | 2.6                 | mg/kg | 2.6    | mg/kg |
| RY506-K      | 10FC-RY506-K-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | ALUMINUM      | 14.8          | Y           |               |              |           | 14.8                | mg/kg | 3580   | mg/kg |
| RY506-K      | 10FC-RY506-K-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | IRON          | 7.4           | Y           |               |              |           | 7.4                 | mg/kg | 9540   | mg/kg |
| RY506-K      | 10FC-RY506-K-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | LEAD          | 0.74          | Y           |               |              |           | 0.74                | mg/kg | 182    | mg/kg |
| RY506-K      | 10FC-RY506-K-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | MAGNESIUM     | 370           | Y           |               |              |           | 370                 | mg/kg | 1920   | mg/kg |



Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           |                     |       |        |       |
| RY506-K      | 10FC-RY506-K-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | MANGANESE     | 1.1           | Y           |               |              |           | 1.1                 | mg/kg | 630    | mg/kg |
| RY506-K      | 10FC-RY506-K-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | NICKEL        | 3.0           | Y           |               |              |           | 3.0                 | mg/kg | 6      | mg/kg |
| RY506-K      | 10FC-RY506-K-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | POTASSIUM     | 370           | Y           |               |              |           | 370                 | mg/kg | 662    | mg/kg |
| RY506-K      | 10FC-RY506-K-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | SILVER        | 0.74          | N           | U             |              | U         | 0.74                | mg/kg | 0.74   | mg/kg |
| RY506-K      | 10FC-RY506-K-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | SODIUM        | 370           | Y           | J             |              | J         | 370                 | mg/kg | 332    | mg/kg |
| RY506-K      | 10FC-RY506-K-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | THALLIUM      | 1.9           | N           | U             |              | U         | 1.9                 | mg/kg | 1.9    | mg/kg |
| RY506-K      | 10FC-RY506-K-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | ANTIMONY      | 4.4           | Y           |               |              |           | 4.4                 | mg/kg | 6.9    | mg/kg |
| RY506-K      | 10FC-RY506-K-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | ARSENIC       | 0.74          | Y           |               |              |           | 0.74                | mg/kg | 12.7   | mg/kg |
| RY506-K      | 10FC-RY506-K-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | BARIUM        | 14.8          | Y           | J             |              | J         | 14.8                | mg/kg | 178    | mg/kg |
| RY506-K      | 10FC-RY506-K-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | BERYLLIUM     | 0.37          | Y           |               |              |           | 0.37                | mg/kg | 0.37   | mg/kg |
| RY506-K      | 10FC-RY506-K-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | CADMIUM       | 0.37          | Y           | J             |              | J         | 0.37                | mg/kg | 1.2    | mg/kg |
| RY506-K      | 10FC-RY506-K-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | CHROMIUM      | 0.74          | Y           |               |              |           | 0.74                | mg/kg | 6.6    | mg/kg |
| RY506-K      | 10FC-RY506-K-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | COBALT        | 3.7           | Y           | J             |              | J         | 3.7                 | mg/kg | 2.7    | mg/kg |
| RY506-K      | 10FC-RY506-K-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | COPPER        | 1.9           | Y           |               |              |           | 1.9                 | mg/kg | 49.9   | mg/kg |
| RY506-K      | 10FC-RY506-K-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | VANADIUM      | 3.7           | Y           |               |              |           | 3.7                 | mg/kg | 8.7    | mg/kg |
| RY506-K      | 10FC-RY506-K-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | ZINC          | 4.4           | Y           |               |              |           | 4.4                 | mg/kg | 235    | mg/kg |
| RY506-K      | 10FC-RY506-K-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | CALCIUM       | 370           | Y           |               |              |           | 370                 | mg/kg | 4050   | mg/kg |
| RY506-K      | 10FC-RY506-K-006012 | 7/27/2010   | N           | 6           | 12        | in         | C200.7          | 9/24/2010     | SELENIUM      | 2.6           | N           | U             |              | U         | 2.6                 | mg/kg | 2.6    | mg/kg |
| RY506-L      | 10FC-RY506-L-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | ALUMINUM      | 15.5          | Y           |               |              |           | 15.5                | mg/kg | 7210   | mg/kg |
| RY506-L      | 10FC-RY506-L-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | IRON          | 7.7           | Y           |               |              |           | 7.7                 | mg/kg | 11500  | mg/kg |
| RY506-L      | 10FC-RY506-L-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | LEAD          | 0.77          | Y           |               |              |           | 0.77                | mg/kg | 190    | mg/kg |
| RY506-L      | 10FC-RY506-L-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | MAGNESIUM     | 387           | Y           |               |              |           | 387                 | mg/kg | 5110   | mg/kg |
| RY506-L      | 10FC-RY506-L-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | MANGANESE     | 1.2           | Y           |               |              |           | 1.2                 | mg/kg | 333    | mg/kg |
| RY506-L      | 10FC-RY506-L-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | NICKEL        | 3.1           | Y           |               |              |           | 3.1                 | mg/kg | 8.2    | mg/kg |
| RY506-L      | 10FC-RY506-L-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | POTASSIUM     | 387           | Y           |               |              |           | 387                 | mg/kg | 1380   | mg/kg |
| RY506-L      | 10FC-RY506-L-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | SILVER        | 0.77          | Y           | J             |              | J         | 0.77                | mg/kg | 0.6    | mg/kg |
| RY506-L      | 10FC-RY506-L-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | SODIUM        | 387           | Y           | J             |              | J         | 387                 | mg/kg | 230    | mg/kg |
| RY506-L      | 10FC-RY506-L-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | THALLIUM      | 1.9           | N           | U             |              | U         | 1.9                 | mg/kg | 1.9    | mg/kg |
| RY506-L      | 10FC-RY506-L-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | ANTIMONY      | 4.6           | Y           |               |              |           | 4.6                 | mg/kg | 11.1   | mg/kg |
| RY506-L      | 10FC-RY506-L-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | ARSENIC       | 0.77          | Y           |               |              |           | 0.77                | mg/kg | 16     | mg/kg |
| RY506-L      | 10FC-RY506-L-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | BARIUM        | 15.5          | Y           | J             |              | J         | 15.5                | mg/kg | 145    | mg/kg |
| RY506-L      | 10FC-RY506-L-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | BERYLLIUM     | 0.39          | Y           |               |              |           | 0.39                | mg/kg | 0.49   | mg/kg |
| RY506-L      | 10FC-RY506-L-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | CADMIUM       | 0.39          | Y           | J             |              | J         | 0.39                | mg/kg | 1.1    | mg/kg |
| RY506-L      | 10FC-RY506-L-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | CHROMIUM      | 0.77          | Y           |               |              |           | 0.77                | mg/kg | 7.1    | mg/kg |
| RY506-L      | 10FC-RY506-L-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | COBALT        | 3.9           | Y           |               |              |           | 3.9                 | mg/kg | 6.4    | mg/kg |
| RY506-L      | 10FC-RY506-L-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | COPPER        | 1.9           | Y           |               |              |           | 1.9                 | mg/kg | 22.3   | mg/kg |
| RY506-L      | 10FC-RY506-L-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | VANADIUM      | 3.9           | Y           |               |              |           | 3.9                 | mg/kg | 12.4   | mg/kg |
| RY506-L      | 10FC-RY506-L-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | ZINC          | 4.6           | Y           |               |              |           | 4.6                 | mg/kg | 166    | mg/kg |
| RY506-L      | 10FC-RY506-L-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | CALCIUM       | 387           | Y           |               |              |           | 387                 | mg/kg | 8500   | mg/kg |
| RY506-L      | 10FC-RY506-L-000002 | 7/27/2010   | N           | 0           | 2         | in         | C200.7          | 9/24/2010     | SELENIUM      | 2.7           | N           | U             |              | U         | 2.7                 | mg/kg | 2.7    | mg/kg |
| RY565-A      | 10FC-RY565-A-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | ALUMINUM      | 9.90          | Y           |               |              |           | 9.90                | mg/kg | 8450   | mg/kg |
| RY565-A      | 10FC-RY565-A-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | MAGNESIUM     | 49.5          | Y           |               |              |           | 49.5                | mg/kg | 3780   | mg/kg |
| RY565-A      | 10FC-RY565-A-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | IRON          | 49.5          | Y           |               |              |           | 49.5                | mg/kg | 10000  | mg/kg |
| RY565-A      | 10FC-RY565-A-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | POTASSIUM     | 124           | Y           |               |              |           | 124                 | mg/kg | 1810   | mg/kg |
| RY565-A      | 10FC-RY565-A-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | SODIUM        | 124           | N           |               |              | U         | 124                 | mg/kg | 124    | mg/kg |
| RY565-A      | 10FC-RY565-A-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | CALCIUM       | 49.5          | Y           |               |              |           | 49.5                | mg/kg | 2780   | mg/kg |
| RY565-A      | 10FC-RY565-A-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | MANGANESE     | 0.990         | Y           |               |              |           | 0.990               | mg/kg | 331    | mg/kg |
| RY565-A      | 10FC-RY565-A-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | BERYLLIUM     | 0.990         | N           |               |              | U         | 0.990               | mg/kg | 0.99   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY565-A      | 10FC-RY565-A-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | COPPER        | 0.990               | Y           |               |              |           | 0.990               | mg/kg | 12.5   | mg/kg |
| RY565-A      | 10FC-RY565-A-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | VANADIUM      | 4.95                | Y           |               |              | J         | 4.95                | mg/kg | 10.8   | mg/kg |
| RY565-A      | 10FC-RY565-A-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | LEAD          | 2.48                | Y           |               |              | J         | 2.48                | mg/kg | 12.2   | mg/kg |
| RY565-A      | 10FC-RY565-A-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | MOLYBDENUM    | 0.990               | Y           |               |              | J         | 0.990               | mg/kg | 2.02   | mg/kg |
| RY565-A      | 10FC-RY565-A-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | NICKEL        | 0.990               | Y           |               |              |           | 0.990               | mg/kg | 8.79   | mg/kg |
| RY565-A      | 10FC-RY565-A-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | SILVER        | 0.990               | N           |               |              | U         | 0.990               | mg/kg | 0.99   | mg/kg |
| RY565-A      | 10FC-RY565-A-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | THALLIUM      | 9.90                | N           |               |              | UJ        | 9.90                | mg/kg | 9.9    | mg/kg |
| RY565-A      | 10FC-RY565-A-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | ANTIMONY      | 9.90                | N           |               |              | U         | 9.90                | mg/kg | 9.9    | mg/kg |
| RY565-A      | 10FC-RY565-A-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | ARSENIC       | 9.90                | N           |               |              | U         | 9.90                | mg/kg | 9.9    | mg/kg |
| RY565-A      | 10FC-RY565-A-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | BARIUM        | 0.990               | Y           |               |              |           | 0.990               | mg/kg | 139    | mg/kg |
| RY565-A      | 10FC-RY565-A-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | CADMIUM       | 0.990               | N           |               |              | U         | 0.990               | mg/kg | 0.99   | mg/kg |
| RY565-A      | 10FC-RY565-A-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | CHROMIUM      | 0.990               | Y           |               |              |           | 0.990               | mg/kg | 7      | mg/kg |
| RY565-A      | 10FC-RY565-A-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | COBALT        | 0.990               | Y           |               |              |           | 0.990               | mg/kg | 5.54   | mg/kg |
| RY565-A      | 10FC-RY565-A-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | ZINC          | 4.95                | Y           |               |              |           | 4.95                | mg/kg | 41.6   | mg/kg |
| RY565-A      | 10FC-RY565-A-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | SELENIUM      | 9.90                | N           |               |              | U         | 9.90                | mg/kg | 9.9    | mg/kg |
| RY565-A      | 10FC-RY565-A-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | ALUMINUM      | 10.1                | Y           |               |              |           | 10.1                | mg/kg | 8240   | mg/kg |
| RY565-A      | 10FC-RY565-A-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | MAGNESIUM     | 50.4                | Y           |               |              |           | 50.4                | mg/kg | 3650   | mg/kg |
| RY565-A      | 10FC-RY565-A-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | IRON          | 50.4                | Y           |               |              |           | 50.4                | mg/kg | 9820   | mg/kg |
| RY565-A      | 10FC-RY565-A-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | POTASSIUM     | 126                 | Y           |               |              |           | 126                 | mg/kg | 1820   | mg/kg |
| RY565-A      | 10FC-RY565-A-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | SODIUM        | 126                 | N           |               |              | U         | 126                 | mg/kg | 126    | mg/kg |
| RY565-A      | 10FC-RY565-A-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | CALCIUM       | 50.4                | Y           |               |              |           | 50.4                | mg/kg | 2560   | mg/kg |
| RY565-A      | 10FC-RY565-A-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | MANGANESE     | 1.01                | Y           |               |              |           | 1.01                | mg/kg | 335    | mg/kg |
| RY565-A      | 10FC-RY565-A-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | BERYLLIUM     | 1.01                | N           |               |              | U         | 1.01                | mg/kg | 1.01   | mg/kg |
| RY565-A      | 10FC-RY565-A-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | COPPER        | 1.01                | Y           |               |              |           | 1.01                | mg/kg | 11.6   | mg/kg |
| RY565-A      | 10FC-RY565-A-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | VANADIUM      | 5.04                | Y           |               |              | J         | 5.04                | mg/kg | 10.7   | mg/kg |
| RY565-A      | 10FC-RY565-A-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | LEAD          | 2.52                | Y           |               |              | J         | 2.52                | mg/kg | 6.36   | mg/kg |
| RY565-A      | 10FC-RY565-A-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | MOLYBDENUM    | 1.01                | N           |               |              | U         | 1.01                | mg/kg | 1.01   | mg/kg |
| RY565-A      | 10FC-RY565-A-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | NICKEL        | 1.01                | Y           |               |              |           | 1.01                | mg/kg | 8.05   | mg/kg |
| RY565-A      | 10FC-RY565-A-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | SILVER        | 1.01                | N           |               |              | U         | 1.01                | mg/kg | 1.01   | mg/kg |
| RY565-A      | 10FC-RY565-A-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | THALLIUM      | 10.1                | N           |               |              | UJ        | 10.1                | mg/kg | 10.1   | mg/kg |
| RY565-A      | 10FC-RY565-A-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | ANTIMONY      | 10.1                | N           |               |              | U         | 10.1                | mg/kg | 10.1   | mg/kg |
| RY565-A      | 10FC-RY565-A-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | ARSENIC       | 10.1                | N           |               |              | U         | 10.1                | mg/kg | 10.1   | mg/kg |
| RY565-A      | 10FC-RY565-A-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | BARIUM        | 1.01                | Y           |               |              |           | 1.01                | mg/kg | 141    | mg/kg |
| RY565-A      | 10FC-RY565-A-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | CADMIUM       | 1.01                | N           |               |              | U         | 1.01                | mg/kg | 1.01   | mg/kg |
| RY565-A      | 10FC-RY565-A-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | CHROMIUM      | 1.01                | Y           |               |              |           | 1.01                | mg/kg | 6.89   | mg/kg |
| RY565-A      | 10FC-RY565-A-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | COBALT        | 1.01                | Y           |               |              |           | 1.01                | mg/kg | 5.34   | mg/kg |
| RY565-A      | 10FC-RY565-A-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | ZINC          | 5.04                | Y           |               |              |           | 5.04                | mg/kg | 39.5   | mg/kg |
| RY565-A      | 10FC-RY565-A-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | SELENIUM      | 10.1                | N           |               |              | U         | 10.1                | mg/kg | 10.1   | mg/kg |
| RY565-A      | 10FC-RY565-A-006012 | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | ALUMINUM      | 9.51                | Y           |               |              |           | 9.51                | mg/kg | 8390   | mg/kg |
| RY565-A      | 10FC-RY565-A-006012 | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | MAGNESIUM     | 47.6                | Y           |               |              |           | 47.6                | mg/kg | 3810   | mg/kg |
| RY565-A      | 10FC-RY565-A-006012 | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | IRON          | 47.6                | Y           |               |              |           | 47.6                | mg/kg | 9760   | mg/kg |
| RY565-A      | 10FC-RY565-A-006012 | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | POTASSIUM     | 119                 | Y           |               |              |           | 119                 | mg/kg | 1880   | mg/kg |
| RY565-A      | 10FC-RY565-A-006012 | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | SODIUM        | 119                 | N           |               |              | U         | 119                 | mg/kg | 119    | mg/kg |
| RY565-A      | 10FC-RY565-A-006012 | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | CALCIUM       | 47.6                | Y           |               |              |           | 47.6                | mg/kg | 2800   | mg/kg |
| RY565-A      | 10FC-RY565-A-006012 | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | MANGANESE     | 0.951               | Y           |               |              |           | 0.951               | mg/kg | 366    | mg/kg |
| RY565-A      | 10FC-RY565-A-006012 | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | BERYLLIUM     | 0.951               | N           |               |              | U         | 0.951               | mg/kg | 0.951  | mg/kg |
| RY565-A      | 10FC-RY565-A-006012 | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | COPPER        | 0.951               | Y           |               |              |           | 0.951               | mg/kg | 11.7   | mg/kg |
| RY565-A      | 10FC-RY565-A-006012 | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | VANADIUM      | 4.76                | Y           |               |              | J         | 4.76                | mg/kg | 9.72   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code       | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|-----------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                       |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY565-A      | 10FC-RY565-A-006012   | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | LEAD          | 2.38          | Y           |               |              | J         | 2.38          | mg/kg | 9.12   | mg/kg |
| RY565-A      | 10FC-RY565-A-006012   | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | MOLYBDENUM    | 0.951         | Y           |               |              | J         | 0.951         | mg/kg | 2.11   | mg/kg |
| RY565-A      | 10FC-RY565-A-006012   | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | NICKEL        | 0.951         | Y           |               |              |           | 0.951         | mg/kg | 8.34   | mg/kg |
| RY565-A      | 10FC-RY565-A-006012   | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | SILVER        | 0.951         | N           |               |              | U         | 0.951         | mg/kg | 0.951  | mg/kg |
| RY565-A      | 10FC-RY565-A-006012   | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | THALLIUM      | 9.51          | N           |               |              | UJ        | 9.51          | mg/kg | 9.51   | mg/kg |
| RY565-A      | 10FC-RY565-A-006012   | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | ANTIMONY      | 9.51          | N           |               |              | U         | 9.51          | mg/kg | 9.51   | mg/kg |
| RY565-A      | 10FC-RY565-A-006012   | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | ARSENIC       | 9.51          | N           |               |              | U         | 9.51          | mg/kg | 9.51   | mg/kg |
| RY565-A      | 10FC-RY565-A-006012   | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | BARIUM        | 0.951         | Y           |               |              |           | 0.951         | mg/kg | 152    | mg/kg |
| RY565-A      | 10FC-RY565-A-006012   | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | CADMIUM       | 0.951         | N           |               |              | U         | 0.951         | mg/kg | 0.951  | mg/kg |
| RY565-A      | 10FC-RY565-A-006012   | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | CHROMIUM      | 0.951         | Y           |               |              |           | 0.951         | mg/kg | 6.7    | mg/kg |
| RY565-A      | 10FC-RY565-A-006012   | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | COBALT        | 0.951         | Y           |               |              |           | 0.951         | mg/kg | 5.07   | mg/kg |
| RY565-A      | 10FC-RY565-A-006012   | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | ZINC          | 4.76          | Y           |               |              |           | 4.76          | mg/kg | 41.2   | mg/kg |
| RY565-A      | 10FC-RY565-A-006012   | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | SELENIUM      | 9.51          | N           |               |              | U         | 9.51          | mg/kg | 9.51   | mg/kg |
| RY565-A      | 10FC-RY565-A-006012-D | 7/19/2010   | FD          | 6           | 12        | in         | C200.7          | 6/20/2011     | ALUMINUM      | 10.1          | Y           |               |              |           | 10.1          | mg/kg | 8330   | mg/kg |
| RY565-A      | 10FC-RY565-A-006012-D | 7/19/2010   | FD          | 6           | 12        | in         | C200.7          | 6/20/2011     | MAGNESIUM     | 50.5          | Y           |               |              |           | 50.5          | mg/kg | 3730   | mg/kg |
| RY565-A      | 10FC-RY565-A-006012-D | 7/19/2010   | FD          | 6           | 12        | in         | C200.7          | 6/20/2011     | IRON          | 50.5          | Y           |               |              |           | 50.5          | mg/kg | 9750   | mg/kg |
| RY565-A      | 10FC-RY565-A-006012-D | 7/19/2010   | FD          | 6           | 12        | in         | C200.7          | 6/20/2011     | POTASSIUM     | 126           | Y           |               |              |           | 126           | mg/kg | 1870   | mg/kg |
| RY565-A      | 10FC-RY565-A-006012-D | 7/19/2010   | FD          | 6           | 12        | in         | C200.7          | 6/20/2011     | SODIUM        | 126           | N           |               |              | U         | 126           | mg/kg | 126    | mg/kg |
| RY565-A      | 10FC-RY565-A-006012-D | 7/19/2010   | FD          | 6           | 12        | in         | C200.7          | 6/20/2011     | CALCIUM       | 50.5          | Y           |               |              |           | 50.5          | mg/kg | 2550   | mg/kg |
| RY565-A      | 10FC-RY565-A-006012-D | 7/19/2010   | FD          | 6           | 12        | in         | C200.7          | 6/20/2011     | MANGANESE     | 1.01          | Y           |               |              |           | 1.01          | mg/kg | 350    | mg/kg |
| RY565-A      | 10FC-RY565-A-006012-D | 7/19/2010   | FD          | 6           | 12        | in         | C200.7          | 6/20/2011     | BERYLLIUM     | 1.01          | N           |               |              | U         | 1.01          | mg/kg | 1.01   | mg/kg |
| RY565-A      | 10FC-RY565-A-006012-D | 7/19/2010   | FD          | 6           | 12        | in         | C200.7          | 6/20/2011     | COPPER        | 1.01          | Y           |               |              |           | 1.01          | mg/kg | 11.2   | mg/kg |
| RY565-A      | 10FC-RY565-A-006012-D | 7/19/2010   | FD          | 6           | 12        | in         | C200.7          | 6/20/2011     | VANADIUM      | 5.05          | Y           |               |              | J         | 5.05          | mg/kg | 9.31   | mg/kg |
| RY565-A      | 10FC-RY565-A-006012-D | 7/19/2010   | FD          | 6           | 12        | in         | C200.7          | 6/20/2011     | LEAD          | 2.52          | Y           |               |              | J         | 2.52          | mg/kg | 7.03   | mg/kg |
| RY565-A      | 10FC-RY565-A-006012-D | 7/19/2010   | FD          | 6           | 12        | in         | C200.7          | 6/20/2011     | MOLYBDENUM    | 1.01          | N           |               |              | U         | 1.01          | mg/kg | 1.01   | mg/kg |
| RY565-A      | 10FC-RY565-A-006012-D | 7/19/2010   | FD          | 6           | 12        | in         | C200.7          | 6/20/2011     | NICKEL        | 1.01          | Y           |               |              |           | 1.01          | mg/kg | 8.03   | mg/kg |
| RY565-A      | 10FC-RY565-A-006012-D | 7/19/2010   | FD          | 6           | 12        | in         | C200.7          | 6/20/2011     | SILVER        | 1.01          | N           |               |              | U         | 1.01          | mg/kg | 1.01   | mg/kg |
| RY565-A      | 10FC-RY565-A-006012-D | 7/19/2010   | FD          | 6           | 12        | in         | C200.7          | 6/20/2011     | THALLIUM      | 10.1          | N           |               |              | UJ        | 10.1          | mg/kg | 10.1   | mg/kg |
| RY565-A      | 10FC-RY565-A-006012-D | 7/19/2010   | FD          | 6           | 12        | in         | C200.7          | 6/20/2011     | ANTIMONY      | 10.1          | N           |               |              | U         | 10.1          | mg/kg | 10.1   | mg/kg |
| RY565-A      | 10FC-RY565-A-006012-D | 7/19/2010   | FD          | 6           | 12        | in         | C200.7          | 6/20/2011     | ARSENIC       | 10.1          | N           |               |              | U         | 10.1          | mg/kg | 10.1   | mg/kg |
| RY565-A      | 10FC-RY565-A-006012-D | 7/19/2010   | FD          | 6           | 12        | in         | C200.7          | 6/20/2011     | BARIUM        | 1.01          | Y           |               |              |           | 1.01          | mg/kg | 144    | mg/kg |
| RY565-A      | 10FC-RY565-A-006012-D | 7/19/2010   | FD          | 6           | 12        | in         | C200.7          | 6/20/2011     | CADMIUM       | 1.01          | N           |               |              | U         | 1.01          | mg/kg | 1.01   | mg/kg |
| RY565-A      | 10FC-RY565-A-006012-D | 7/19/2010   | FD          | 6           | 12        | in         | C200.7          | 6/20/2011     | CHROMIUM      | 1.01          | Y           |               |              |           | 1.01          | mg/kg | 6.75   | mg/kg |
| RY565-A      | 10FC-RY565-A-006012-D | 7/19/2010   | FD          | 6           | 12        | in         | C200.7          | 6/20/2011     | COBALT        | 1.01          | Y           |               |              |           | 1.01          | mg/kg | 5.16   | mg/kg |
| RY565-A      | 10FC-RY565-A-006012-D | 7/19/2010   | FD          | 6           | 12        | in         | C200.7          | 6/20/2011     | ZINC          | 5.05          | Y           |               |              |           | 5.05          | mg/kg | 38.7   | mg/kg |
| RY565-A      | 10FC-RY565-A-006012-D | 7/19/2010   | FD          | 6           | 12        | in         | C200.7          | 6/20/2011     | SELENIUM      | 10.1          | Y           |               |              | J         | 10.1          | mg/kg | 29.8   | mg/kg |
| RY565-B      | 10FC-RY565-B-000002   | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | ALUMINUM      | 9.95          | Y           |               |              |           | 9.95          | mg/kg | 7230   | mg/kg |
| RY565-B      | 10FC-RY565-B-000002   | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | MAGNESIUM     | 49.8          | Y           |               |              |           | 49.8          | mg/kg | 3970   | mg/kg |
| RY565-B      | 10FC-RY565-B-000002   | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | IRON          | 49.8          | Y           |               |              |           | 49.8          | mg/kg | 9380   | mg/kg |
| RY565-B      | 10FC-RY565-B-000002   | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | POTASSIUM     | 124           | Y           |               |              |           | 124           | mg/kg | 1740   | mg/kg |
| RY565-B      | 10FC-RY565-B-000002   | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | SODIUM        | 124           | N           |               |              | U         | 124           | mg/kg | 124    | mg/kg |
| RY565-B      | 10FC-RY565-B-000002   | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | CALCIUM       | 49.8          | Y           |               |              |           | 49.8          | mg/kg | 3510   | mg/kg |
| RY565-B      | 10FC-RY565-B-000002   | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | MANGANESE     | 0.995         | Y           |               |              |           | 0.995         | mg/kg | 309    | mg/kg |
| RY565-B      | 10FC-RY565-B-000002   | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | BERYLLIUM     | 0.995         | N           |               |              | U         | 0.995         | mg/kg | 0.995  | mg/kg |
| RY565-B      | 10FC-RY565-B-000002   | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | COPPER        | 0.995         | Y           |               |              |           | 0.995         | mg/kg | 12.7   | mg/kg |
| RY565-B      | 10FC-RY565-B-000002   | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | VANADIUM      | 4.98          | Y           |               |              | J         | 4.98          | mg/kg | 9.33   | mg/kg |
| RY565-B      | 10FC-RY565-B-000002   | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | LEAD          | 2.49          | Y           |               |              |           | 2.49          | mg/kg | 128    | mg/kg |
| RY565-B      | 10FC-RY565-B-000002   | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | MOLYBDENUM    | 0.995         | N           |               |              | U         | 0.995         | mg/kg | 0.995  | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY565-B      | 10FC-RY565-B-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | NICKEL        | 0.995         | Y           |               |              |           | 0.995         | mg/kg | 7.84   | mg/kg |
| RY565-B      | 10FC-RY565-B-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | SILVER        | 0.995         | Y           |               |              | J         | 0.995         | mg/kg | 1.36   | mg/kg |
| RY565-B      | 10FC-RY565-B-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | THALLIUM      | 9.95          | N           |               |              | UJ        | 9.95          | mg/kg | 9.95   | mg/kg |
| RY565-B      | 10FC-RY565-B-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | ANTIMONY      | 9.95          | N           |               |              | U         | 9.95          | mg/kg | 9.95   | mg/kg |
| RY565-B      | 10FC-RY565-B-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | ARSENIC       | 9.95          | N           |               |              | U         | 9.95          | mg/kg | 9.95   | mg/kg |
| RY565-B      | 10FC-RY565-B-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | BARIUM        | 0.995         | Y           |               |              |           | 0.995         | mg/kg | 127    | mg/kg |
| RY565-B      | 10FC-RY565-B-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | CADMIUM       | 0.995         | N           |               |              | U         | 0.995         | mg/kg | 0.995  | mg/kg |
| RY565-B      | 10FC-RY565-B-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | CHROMIUM      | 0.995         | Y           |               |              |           | 0.995         | mg/kg | 6.95   | mg/kg |
| RY565-B      | 10FC-RY565-B-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | COBALT        | 0.995         | Y           |               |              |           | 0.995         | mg/kg | 4.99   | mg/kg |
| RY565-B      | 10FC-RY565-B-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | ZINC          | 4.98          | Y           |               |              |           | 4.98          | mg/kg | 111    | mg/kg |
| RY565-B      | 10FC-RY565-B-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | SELENIUM      | 9.95          | N           |               |              | U         | 9.95          | mg/kg | 9.95   | mg/kg |
| RY565-B      | 10FC-RY565-B-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | ALUMINUM      | 9.93          | Y           |               |              |           | 9.93          | mg/kg | 6710   | mg/kg |
| RY565-B      | 10FC-RY565-B-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | MAGNESIUM     | 49.6          | Y           |               |              |           | 49.6          | mg/kg | 3740   | mg/kg |
| RY565-B      | 10FC-RY565-B-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | IRON          | 49.6          | Y           |               |              |           | 49.6          | mg/kg | 10700  | mg/kg |
| RY565-B      | 10FC-RY565-B-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | POTASSIUM     | 124           | Y           |               |              |           | 124           | mg/kg | 1650   | mg/kg |
| RY565-B      | 10FC-RY565-B-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | SODIUM        | 124           | N           |               |              | U         | 124           | mg/kg | 124    | mg/kg |
| RY565-B      | 10FC-RY565-B-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | CALCIUM       | 49.6          | Y           |               |              |           | 49.6          | mg/kg | 3780   | mg/kg |
| RY565-B      | 10FC-RY565-B-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | MANGANESE     | 0.993         | Y           |               |              |           | 0.993         | mg/kg | 399    | mg/kg |
| RY565-B      | 10FC-RY565-B-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | BERYLLIUM     | 0.993         | N           |               |              | U         | 0.993         | mg/kg | 0.993  | mg/kg |
| RY565-B      | 10FC-RY565-B-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | COPPER        | 0.993         | Y           |               |              |           | 0.993         | mg/kg | 19     | mg/kg |
| RY565-B      | 10FC-RY565-B-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | VANADIUM      | 4.96          | Y           |               |              | J         | 4.96          | mg/kg | 9.95   | mg/kg |
| RY565-B      | 10FC-RY565-B-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | LEAD          | 2.48          | Y           |               |              |           | 2.48          | mg/kg | 1180   | mg/kg |
| RY565-B      | 10FC-RY565-B-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | MOLYBDENUM    | 0.993         | Y           |               |              | J         | 0.993         | mg/kg | 1.28   | mg/kg |
| RY565-B      | 10FC-RY565-B-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | NICKEL        | 0.993         | Y           |               |              |           | 0.993         | mg/kg | 7.27   | mg/kg |
| RY565-B      | 10FC-RY565-B-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | SILVER        | 0.993         | Y           |               |              |           | 0.993         | mg/kg | 11.5   | mg/kg |
| RY565-B      | 10FC-RY565-B-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | THALLIUM      | 9.93          | N           |               |              | UJ        | 9.93          | mg/kg | 9.93   | mg/kg |
| RY565-B      | 10FC-RY565-B-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | ANTIMONY      | 9.93          | Y           |               |              |           | 9.93          | mg/kg | 73.6   | mg/kg |
| RY565-B      | 10FC-RY565-B-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | ARSENIC       | 9.93          | Y           |               |              |           | 9.93          | mg/kg | 64.8   | mg/kg |
| RY565-B      | 10FC-RY565-B-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | BARIUM        | 0.993         | Y           |               |              |           | 0.993         | mg/kg | 118    | mg/kg |
| RY565-B      | 10FC-RY565-B-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | CADMIUM       | 0.993         | Y           |               |              |           | 0.993         | mg/kg | 4.7    | mg/kg |
| RY565-B      | 10FC-RY565-B-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | CHROMIUM      | 0.993         | Y           |               |              |           | 0.993         | mg/kg | 6.26   | mg/kg |
| RY565-B      | 10FC-RY565-B-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | COBALT        | 0.993         | Y           |               |              |           | 0.993         | mg/kg | 4.61   | mg/kg |
| RY565-B      | 10FC-RY565-B-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | ZINC          | 4.96          | Y           |               |              |           | 4.96          | mg/kg | 456    | mg/kg |
| RY565-B      | 10FC-RY565-B-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | SELENIUM      | 9.93          | N           |               |              | U         | 9.93          | mg/kg | 9.93   | mg/kg |
| RY565-B      | 10FC-RY565-B-006012 | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | ALUMINUM      | 9.99          | Y           |               |              |           | 9.99          | mg/kg | 6970   | mg/kg |
| RY565-B      | 10FC-RY565-B-006012 | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | MAGNESIUM     | 50.0          | Y           |               |              |           | 50.0          | mg/kg | 3900   | mg/kg |
| RY565-B      | 10FC-RY565-B-006012 | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | IRON          | 50.0          | Y           |               |              |           | 50.0          | mg/kg | 10500  | mg/kg |
| RY565-B      | 10FC-RY565-B-006012 | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | POTASSIUM     | 125           | Y           |               |              |           | 125           | mg/kg | 1650   | mg/kg |
| RY565-B      | 10FC-RY565-B-006012 | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | SODIUM        | 125           | N           |               |              | U         | 125           | mg/kg | 125    | mg/kg |
| RY565-B      | 10FC-RY565-B-006012 | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | CALCIUM       | 50.0          | Y           |               |              |           | 50.0          | mg/kg | 4700   | mg/kg |
| RY565-B      | 10FC-RY565-B-006012 | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | MANGANESE     | 0.999         | Y           |               |              |           | 0.999         | mg/kg | 348    | mg/kg |
| RY565-B      | 10FC-RY565-B-006012 | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | BERYLLIUM     | 0.999         | N           |               |              | U         | 0.999         | mg/kg | 0.999  | mg/kg |
| RY565-B      | 10FC-RY565-B-006012 | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | COPPER        | 0.999         | Y           |               |              |           | 0.999         | mg/kg | 16.7   | mg/kg |
| RY565-B      | 10FC-RY565-B-006012 | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | VANADIUM      | 5.00          | Y           |               |              | J         | 5.00          | mg/kg | 10     | mg/kg |
| RY565-B      | 10FC-RY565-B-006012 | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | LEAD          | 2.50          | Y           |               |              |           | 2.50          | mg/kg | 809    | mg/kg |
| RY565-B      | 10FC-RY565-B-006012 | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | MOLYBDENUM    | 0.999         | Y           |               |              | J         | 0.999         | mg/kg | 1.57   | mg/kg |
| RY565-B      | 10FC-RY565-B-006012 | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | NICKEL        | 0.999         | Y           |               |              |           | 0.999         | mg/kg | 8.39   | mg/kg |
| RY565-B      | 10FC-RY565-B-006012 | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | SILVER        | 0.999         | Y           |               |              |           | 0.999         | mg/kg | 8.88   | mg/kg |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY565-B      | 10FC-RY565-B-006012 | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | THALLIUM      | 9.99          | N           |               |              | UJ        | 9.99          | mg/kg | 9.99   | mg/kg |
| RY565-B      | 10FC-RY565-B-006012 | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | ANTIMONY      | 9.99          | Y           |               |              | J         | 9.99          | mg/kg | 48.6   | mg/kg |
| RY565-B      | 10FC-RY565-B-006012 | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | ARSENIC       | 9.99          | Y           |               |              |           | 9.99          | mg/kg | 28.7   | mg/kg |
| RY565-B      | 10FC-RY565-B-006012 | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | BARIUM        | 0.999         | Y           |               |              |           | 0.999         | mg/kg | 123    | mg/kg |
| RY565-B      | 10FC-RY565-B-006012 | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | CADMIUM       | 0.999         | Y           |               |              |           | 0.999         | mg/kg | 3.29   | mg/kg |
| RY565-B      | 10FC-RY565-B-006012 | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | CHROMIUM      | 0.999         | Y           |               |              |           | 0.999         | mg/kg | 6.91   | mg/kg |
| RY565-B      | 10FC-RY565-B-006012 | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | COBALT        | 0.999         | Y           |               |              |           | 0.999         | mg/kg | 4.61   | mg/kg |
| RY565-B      | 10FC-RY565-B-006012 | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | ZINC          | 5.00          | Y           |               |              |           | 5.00          | mg/kg | 303    | mg/kg |
| RY565-B      | 10FC-RY565-B-006012 | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | SELENIUM      | 9.99          | N           |               |              | U         | 9.99          | mg/kg | 9.99   | mg/kg |
| RY565-C      | 10FC-RY565-C-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | ALUMINUM      | 10.0          | Y           |               |              |           | 10.0          | mg/kg | 6450   | mg/kg |
| RY565-C      | 10FC-RY565-C-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | MAGNESIUM     | 50.1          | Y           |               |              |           | 50.1          | mg/kg | 3500   | mg/kg |
| RY565-C      | 10FC-RY565-C-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | IRON          | 50.1          | Y           |               |              |           | 50.1          | mg/kg | 8470   | mg/kg |
| RY565-C      | 10FC-RY565-C-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | POTASSIUM     | 125           | Y           |               |              |           | 125           | mg/kg | 1630   | mg/kg |
| RY565-C      | 10FC-RY565-C-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | SODIUM        | 125           | N           |               |              | U         | 125           | mg/kg | 125    | mg/kg |
| RY565-C      | 10FC-RY565-C-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | CALCIUM       | 50.1          | Y           |               |              |           | 50.1          | mg/kg | 2650   | mg/kg |
| RY565-C      | 10FC-RY565-C-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | MANGANESE     | 1.00          | Y           |               |              |           | 1.00          | mg/kg | 272    | mg/kg |
| RY565-C      | 10FC-RY565-C-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | BERYLLIUM     | 1.00          | N           |               |              | U         | 1.00          | mg/kg | 1      | mg/kg |
| RY565-C      | 10FC-RY565-C-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | COPPER        | 1.00          | Y           |               |              |           | 1.00          | mg/kg | 10.4   | mg/kg |
| RY565-C      | 10FC-RY565-C-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | VANADIUM      | 5.01          | Y           |               |              | J         | 5.01          | mg/kg | 9.03   | mg/kg |
| RY565-C      | 10FC-RY565-C-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | LEAD          | 2.50          | Y           |               |              |           | 2.50          | mg/kg | 30.1   | mg/kg |
| RY565-C      | 10FC-RY565-C-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | MOLYBDENUM    | 1.00          | N           |               |              | U         | 1.00          | mg/kg | 1      | mg/kg |
| RY565-C      | 10FC-RY565-C-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | NICKEL        | 1.00          | Y           |               |              |           | 1.00          | mg/kg | 7.23   | mg/kg |
| RY565-C      | 10FC-RY565-C-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | SILVER        | 1.00          | N           |               |              | U         | 1.00          | mg/kg | 1      | mg/kg |
| RY565-C      | 10FC-RY565-C-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | THALLIUM      | 10.0          | N           |               |              | UJ        | 10.0          | mg/kg | 10     | mg/kg |
| RY565-C      | 10FC-RY565-C-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | ANTIMONY      | 10.0          | N           |               |              | U         | 10.0          | mg/kg | 10     | mg/kg |
| RY565-C      | 10FC-RY565-C-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | ARSENIC       | 10.0          | N           |               |              | U         | 10.0          | mg/kg | 10     | mg/kg |
| RY565-C      | 10FC-RY565-C-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | BARIUM        | 1.00          | Y           |               |              |           | 1.00          | mg/kg | 114    | mg/kg |
| RY565-C      | 10FC-RY565-C-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | CADMIUM       | 1.00          | N           |               |              | U         | 1.00          | mg/kg | 1      | mg/kg |
| RY565-C      | 10FC-RY565-C-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | CHROMIUM      | 1.00          | Y           |               |              |           | 1.00          | mg/kg | 6.28   | mg/kg |
| RY565-C      | 10FC-RY565-C-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | COBALT        | 1.00          | Y           |               |              |           | 1.00          | mg/kg | 4.45   | mg/kg |
| RY565-C      | 10FC-RY565-C-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | ZINC          | 5.01          | Y           |               |              |           | 5.01          | mg/kg | 44.1   | mg/kg |
| RY565-C      | 10FC-RY565-C-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | SELENIUM      | 10.0          | N           |               |              | U         | 10.0          | mg/kg | 1      | mg/kg |
| RY565-C      | 10FC-RY565-C-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | ALUMINUM      | 9.89          | Y           |               |              |           | 9.89          | mg/kg | 6830   | mg/kg |
| RY565-C      | 10FC-RY565-C-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | MAGNESIUM     | 49.5          | Y           |               |              |           | 49.5          | mg/kg | 3520   | mg/kg |
| RY565-C      | 10FC-RY565-C-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | IRON          | 49.5          | Y           |               |              |           | 49.5          | mg/kg | 8850   | mg/kg |
| RY565-C      | 10FC-RY565-C-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | POTASSIUM     | 124           | Y           |               |              |           | 124           | mg/kg | 1710   | mg/kg |
| RY565-C      | 10FC-RY565-C-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | SODIUM        | 124           | N           |               |              | U         | 124           | mg/kg | 124    | mg/kg |
| RY565-C      | 10FC-RY565-C-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | CALCIUM       | 49.5          | Y           |               |              |           | 49.5          | mg/kg | 2290   | mg/kg |
| RY565-C      | 10FC-RY565-C-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | MANGANESE     | 0.989         | Y           |               |              |           | 0.989         | mg/kg | 297    | mg/kg |
| RY565-C      | 10FC-RY565-C-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | BERYLLIUM     | 0.989         | N           |               |              | U         | 0.989         | mg/kg | 0.989  | mg/kg |
| RY565-C      | 10FC-RY565-C-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | COPPER        | 0.989         | Y           |               |              |           | 0.989         | mg/kg | 10.3   | mg/kg |
| RY565-C      | 10FC-RY565-C-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | VANADIUM      | 4.95          | Y           |               |              | J         | 4.95          | mg/kg | 9.87   | mg/kg |
| RY565-C      | 10FC-RY565-C-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | LEAD          | 2.47          | Y           |               |              |           | 2.47          | mg/kg | 22.1   | mg/kg |
| RY565-C      | 10FC-RY565-C-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | MOLYBDENUM    | 0.989         | N           |               |              | U         | 0.989         | mg/kg | 0.989  | mg/kg |
| RY565-C      | 10FC-RY565-C-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | NICKEL        | 0.989         | Y           |               |              |           | 0.989         | mg/kg | 8.01   | mg/kg |
| RY565-C      | 10FC-RY565-C-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | SILVER        | 0.989         | N           |               |              | U         | 0.989         | mg/kg | 0.989  | mg/kg |
| RY565-C      | 10FC-RY565-C-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | THALLIUM      | 9.89          | N           |               |              | UJ        | 9.89          | mg/kg | 9.89   | mg/kg |
| RY565-C      | 10FC-RY565-C-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | ANTIMONY      | 9.89          | N           |               |              | U         | 9.89          | mg/kg | 9.89   | mg/kg |

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| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY565-C      | 10FC-RY565-C-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | ARSENIC       | 9.89          | N           |               |              | U         | 9.89          | mg/kg | 9.89   | mg/kg |
| RY565-C      | 10FC-RY565-C-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | BARIUM        | 0.989         | Y           |               |              |           | 0.989         | mg/kg | 117    | mg/kg |
| RY565-C      | 10FC-RY565-C-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | CADMIUM       | 0.989         | N           |               |              | U         | 0.989         | mg/kg | 0.989  | mg/kg |
| RY565-C      | 10FC-RY565-C-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | CHROMIUM      | 0.989         | Y           |               |              |           | 0.989         | mg/kg | 6.38   | mg/kg |
| RY565-C      | 10FC-RY565-C-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | COBALT        | 0.989         | Y           |               |              |           | 0.989         | mg/kg | 4.7    | mg/kg |
| RY565-C      | 10FC-RY565-C-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | ZINC          | 4.95          | Y           |               |              |           | 4.95          | mg/kg | 39.8   | mg/kg |
| RY565-C      | 10FC-RY565-C-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | SELENIUM      | 9.89          | N           |               |              | U         | 9.89          | mg/kg | 9.89   | mg/kg |
| RY565-C      | 10FC-RY565-C-006012 | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | ALUMINUM      | 9.99          | Y           |               |              |           | 9.99          | mg/kg | 6910   | mg/kg |
| RY565-C      | 10FC-RY565-C-006012 | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | MAGNESIUM     | 49.9          | Y           |               |              |           | 49.9          | mg/kg | 3540   | mg/kg |
| RY565-C      | 10FC-RY565-C-006012 | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | IRON          | 49.9          | Y           |               |              |           | 49.9          | mg/kg | 9160   | mg/kg |
| RY565-C      | 10FC-RY565-C-006012 | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | POTASSIUM     | 125           | Y           |               |              |           | 125           | mg/kg | 1760   | mg/kg |
| RY565-C      | 10FC-RY565-C-006012 | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | SODIUM        | 125           | N           |               |              | U         | 125           | mg/kg | 125    | mg/kg |
| RY565-C      | 10FC-RY565-C-006012 | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | CALCIUM       | 49.9          | Y           |               |              |           | 49.9          | mg/kg | 2150   | mg/kg |
| RY565-C      | 10FC-RY565-C-006012 | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | MANGANESE     | 0.999         | Y           |               |              |           | 0.999         | mg/kg | 308    | mg/kg |
| RY565-C      | 10FC-RY565-C-006012 | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | BERYLLIUM     | 0.999         | N           |               |              | U         | 0.999         | mg/kg | 0.999  | mg/kg |
| RY565-C      | 10FC-RY565-C-006012 | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | COPPER        | 0.999         | Y           |               |              |           | 0.999         | mg/kg | 10.3   | mg/kg |
| RY565-C      | 10FC-RY565-C-006012 | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | VANADIUM      | 4.99          | Y           |               |              | J         | 4.99          | mg/kg | 10.4   | mg/kg |
| RY565-C      | 10FC-RY565-C-006012 | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | LEAD          | 2.50          | Y           |               |              | J         | 2.50          | mg/kg | 11.5   | mg/kg |
| RY565-C      | 10FC-RY565-C-006012 | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | MOLYBDENUM    | 0.999         | N           |               |              | U         | 0.999         | mg/kg | 0.999  | mg/kg |
| RY565-C      | 10FC-RY565-C-006012 | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | NICKEL        | 0.999         | Y           |               |              |           | 0.999         | mg/kg | 7.73   | mg/kg |
| RY565-C      | 10FC-RY565-C-006012 | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | SILVER        | 0.999         | N           |               |              | U         | 0.999         | mg/kg | 0.999  | mg/kg |
| RY565-C      | 10FC-RY565-C-006012 | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | THALLIUM      | 9.99          | N           |               |              | UJ        | 9.99          | mg/kg | 9.99   | mg/kg |
| RY565-C      | 10FC-RY565-C-006012 | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | ANTIMONY      | 9.99          | N           |               |              | U         | 9.99          | mg/kg | 9.99   | mg/kg |
| RY565-C      | 10FC-RY565-C-006012 | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | ARSENIC       | 9.99          | N           |               |              | U         | 9.99          | mg/kg | 9.99   | mg/kg |
| RY565-C      | 10FC-RY565-C-006012 | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | BARIUM        | 0.999         | Y           |               |              |           | 0.999         | mg/kg | 120    | mg/kg |
| RY565-C      | 10FC-RY565-C-006012 | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | CADMIUM       | 0.999         | N           |               |              | U         | 0.999         | mg/kg | 0.999  | mg/kg |
| RY565-C      | 10FC-RY565-C-006012 | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | CHROMIUM      | 0.999         | Y           |               |              |           | 0.999         | mg/kg | 6.61   | mg/kg |
| RY565-C      | 10FC-RY565-C-006012 | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | COBALT        | 0.999         | Y           |               |              |           | 0.999         | mg/kg | 5.07   | mg/kg |
| RY565-C      | 10FC-RY565-C-006012 | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | ZINC          | 4.99          | Y           |               |              |           | 4.99          | mg/kg | 37     | mg/kg |
| RY565-C      | 10FC-RY565-C-006012 | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | SELENIUM      | 9.99          | N           |               |              | U         | 9.99          | mg/kg | 9.99   | mg/kg |
| RY565-D      | 10FC-RY565-D-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | ALUMINUM      | 9.40          | Y           |               |              |           | 9.40          | mg/kg | 3940   | mg/kg |
| RY565-D      | 10FC-RY565-D-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | MAGNESIUM     | 47.0          | Y           |               |              |           | 47.0          | mg/kg | 3970   | mg/kg |
| RY565-D      | 10FC-RY565-D-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | CALCIUM       | 47.0          | Y           |               |              |           | 47.0          | mg/kg | 10800  | mg/kg |
| RY565-D      | 10FC-RY565-D-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | IRON          | 47.0          | Y           |               |              |           | 47.0          | mg/kg | 10600  | mg/kg |
| RY565-D      | 10FC-RY565-D-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | POTASSIUM     | 118           | Y           |               |              |           | 118           | mg/kg | 747    | mg/kg |
| RY565-D      | 10FC-RY565-D-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | SODIUM        | 118           | N           |               |              | U         | 118           | mg/kg | 118    | mg/kg |
| RY565-D      | 10FC-RY565-D-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | MANGANESE     | 0.940         | Y           |               |              |           | 0.940         | mg/kg | 515    | mg/kg |
| RY565-D      | 10FC-RY565-D-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | BERYLLIUM     | 0.940         | N           |               |              | U         | 0.940         | mg/kg | 0.94   | mg/kg |
| RY565-D      | 10FC-RY565-D-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | COPPER        | 0.940         | Y           |               |              |           | 0.940         | mg/kg | 40.8   | mg/kg |
| RY565-D      | 10FC-RY565-D-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | VANADIUM      | 4.70          | Y           |               |              | J         | 4.70          | mg/kg | 5.27   | mg/kg |
| RY565-D      | 10FC-RY565-D-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | LEAD          | 2.35          | Y           |               |              |           | 2.35          | mg/kg | 28.5   | mg/kg |
| RY565-D      | 10FC-RY565-D-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | MOLYBDENUM    | 0.940         | Y           |               |              | J         | 0.940         | mg/kg | 2.96   | mg/kg |
| RY565-D      | 10FC-RY565-D-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | NICKEL        | 0.940         | Y           |               |              |           | 0.940         | mg/kg | 8.79   | mg/kg |
| RY565-D      | 10FC-RY565-D-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | SILVER        | 0.940         | N           |               |              | U         | 0.940         | mg/kg | 0.94   | mg/kg |
| RY565-D      | 10FC-RY565-D-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | THALLIUM      | 9.40          | N           |               |              | UJ        | 9.40          | mg/kg | 9.4    | mg/kg |
| RY565-D      | 10FC-RY565-D-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | ANTIMONY      | 9.40          | N           |               |              | U         | 9.40          | mg/kg | 9.4    | mg/kg |
| RY565-D      | 10FC-RY565-D-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | ARSENIC       | 9.40          | N           |               |              | U         | 9.40          | mg/kg | 9.4    | mg/kg |
| RY565-D      | 10FC-RY565-D-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | BARIUM        | 0.940         | Y           |               |              |           | 0.940         | mg/kg | 11.7   | mg/kg |

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| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | result | unit        |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|--------|-------------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |        |             |
| RY565-D      | 10FC-RY565-D-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | CADMIUM       | 0.940         | N           |               |              | U         | 0.940         | mg/kg  | 0.94 mg/kg  |
| RY565-D      | 10FC-RY565-D-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | CHROMIUM      | 0.940         | Y           |               |              |           | 0.940         | mg/kg  | 5.15 mg/kg  |
| RY565-D      | 10FC-RY565-D-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | COBALT        | 0.940         | Y           |               |              |           | 0.940         | mg/kg  | 4.19 mg/kg  |
| RY565-D      | 10FC-RY565-D-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | ZINC          | 4.70          | Y           |               |              |           | 4.70          | mg/kg  | 151 mg/kg   |
| RY565-D      | 10FC-RY565-D-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | SELENIUM      | 9.40          | Y           |               |              | J         | 9.40          | mg/kg  | 11.5 mg/kg  |
| RY565-D      | 10FC-RY565-D-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | ALUMINUM      | 9.78          | Y           |               |              |           | 9.78          | mg/kg  | 4030 mg/kg  |
| RY565-D      | 10FC-RY565-D-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | MAGNESIUM     | 48.9          | Y           |               |              |           | 48.9          | mg/kg  | 2890 mg/kg  |
| RY565-D      | 10FC-RY565-D-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | CALCIUM       | 48.9          | Y           |               |              |           | 48.9          | mg/kg  | 6980 mg/kg  |
| RY565-D      | 10FC-RY565-D-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | IRON          | 48.9          | Y           |               |              |           | 48.9          | mg/kg  | 12600 mg/kg |
| RY565-D      | 10FC-RY565-D-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | POTASSIUM     | 122           | Y           |               |              |           | 122           | mg/kg  | 736 mg/kg   |
| RY565-D      | 10FC-RY565-D-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | SODIUM        | 122           | N           |               |              | U         | 122           | mg/kg  | 122 mg/kg   |
| RY565-D      | 10FC-RY565-D-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | MANGANESE     | 0.978         | Y           |               |              |           | 0.978         | mg/kg  | 775 mg/kg   |
| RY565-D      | 10FC-RY565-D-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | BERYLLIUM     | 0.978         | N           |               |              | U         | 0.978         | mg/kg  | 0.978 mg/kg |
| RY565-D      | 10FC-RY565-D-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | COPPER        | 0.978         | Y           |               |              |           | 0.978         | mg/kg  | 60.4 mg/kg  |
| RY565-D      | 10FC-RY565-D-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | VANADIUM      | 4.89          | Y           |               |              | J         | 4.89          | mg/kg  | 7.08 mg/kg  |
| RY565-D      | 10FC-RY565-D-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | LEAD          | 2.44          | Y           |               |              |           | 2.44          | mg/kg  | 46.5 mg/kg  |
| RY565-D      | 10FC-RY565-D-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | MOLYBDENUM    | 0.978         | Y           |               |              | J         | 0.978         | mg/kg  | 2.23 mg/kg  |
| RY565-D      | 10FC-RY565-D-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | NICKEL        | 0.978         | Y           |               |              |           | 0.978         | mg/kg  | 9.66 mg/kg  |
| RY565-D      | 10FC-RY565-D-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | SILVER        | 0.978         | N           |               |              | U         | 0.978         | mg/kg  | 0.978 mg/kg |
| RY565-D      | 10FC-RY565-D-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | THALLIUM      | 9.78          | N           |               |              | UJ        | 9.78          | mg/kg  | 9.78 mg/kg  |
| RY565-D      | 10FC-RY565-D-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | ANTIMONY      | 9.78          | N           |               |              | U         | 9.78          | mg/kg  | 9.78 mg/kg  |
| RY565-D      | 10FC-RY565-D-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | ARSENIC       | 9.78          | Y           |               |              | J         | 9.78          | mg/kg  | 11 mg/kg    |
| RY565-D      | 10FC-RY565-D-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | BARIUM        | 0.978         | Y           |               |              |           | 0.978         | mg/kg  | 144 mg/kg   |
| RY565-D      | 10FC-RY565-D-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | CADMIUM       | 0.978         | Y           |               |              | J         | 0.978         | mg/kg  | 1.69 mg/kg  |
| RY565-D      | 10FC-RY565-D-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | CHROMIUM      | 0.978         | Y           |               |              |           | 0.978         | mg/kg  | 6.59 mg/kg  |
| RY565-D      | 10FC-RY565-D-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | COBALT        | 0.978         | Y           |               |              |           | 0.978         | mg/kg  | 3.75 mg/kg  |
| RY565-D      | 10FC-RY565-D-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | ZINC          | 4.89          | Y           |               |              |           | 4.89          | mg/kg  | 258 mg/kg   |
| RY565-D      | 10FC-RY565-D-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | SELENIUM      | 9.78          | N           |               |              | U         | 9.78          | mg/kg  | 9.78 mg/kg  |
| RY565-D      | 10FC-RY565-D-006012 | 7/19/2010   | N           | 2           | 12        | in         | C200.7          | 6/20/2011     | ALUMINUM      | 9.87          | Y           |               |              |           | 9.87          | mg/kg  | 3870 mg/kg  |
| RY565-D      | 10FC-RY565-D-006012 | 7/19/2010   | N           | 2           | 12        | in         | C200.7          | 6/20/2011     | MAGNESIUM     | 49.3          | Y           |               |              |           | 49.3          | mg/kg  | 3130 mg/kg  |
| RY565-D      | 10FC-RY565-D-006012 | 7/19/2010   | N           | 2           | 12        | in         | C200.7          | 6/20/2011     | CALCIUM       | 49.3          | Y           |               |              |           | 49.3          | mg/kg  | 7230 mg/kg  |
| RY565-D      | 10FC-RY565-D-006012 | 7/19/2010   | N           | 2           | 12        | in         | C200.7          | 6/20/2011     | IRON          | 49.3          | Y           |               |              |           | 49.3          | mg/kg  | 11300 mg/kg |
| RY565-D      | 10FC-RY565-D-006012 | 7/19/2010   | N           | 2           | 12        | in         | C200.7          | 6/20/2011     | POTASSIUM     | 123           | Y           |               |              |           | 123           | mg/kg  | 670 mg/kg   |
| RY565-D      | 10FC-RY565-D-006012 | 7/19/2010   | N           | 2           | 12        | in         | C200.7          | 6/20/2011     | SODIUM        | 123           | N           |               |              | U         | 123           | mg/kg  | 123 mg/kg   |
| RY565-D      | 10FC-RY565-D-006012 | 7/19/2010   | N           | 2           | 12        | in         | C200.7          | 6/20/2011     | MANGANESE     | 0.987         | Y           |               |              |           | 0.987         | mg/kg  | 639 mg/kg   |
| RY565-D      | 10FC-RY565-D-006012 | 7/19/2010   | N           | 2           | 12        | in         | C200.7          | 6/20/2011     | BERYLLIUM     | 0.987         | N           |               |              | U         | 0.987         | mg/kg  | 0.987 mg/kg |
| RY565-D      | 10FC-RY565-D-006012 | 7/19/2010   | N           | 2           | 12        | in         | C200.7          | 6/20/2011     | COPPER        | 0.987         | Y           |               |              |           | 0.987         | mg/kg  | 49.7 mg/kg  |
| RY565-D      | 10FC-RY565-D-006012 | 7/19/2010   | N           | 2           | 12        | in         | C200.7          | 6/20/2011     | VANADIUM      | 4.93          | Y           |               |              | J         | 4.93          | mg/kg  | 5.61 mg/kg  |
| RY565-D      | 10FC-RY565-D-006012 | 7/19/2010   | N           | 2           | 12        | in         | C200.7          | 6/20/2011     | LEAD          | 2.47          | Y           |               |              |           | 2.47          | mg/kg  | 33.2 mg/kg  |
| RY565-D      | 10FC-RY565-D-006012 | 7/19/2010   | N           | 2           | 12        | in         | C200.7          | 6/20/2011     | MOLYBDENUM    | 0.987         | Y           |               |              | J         | 0.987         | mg/kg  | 2.24 mg/kg  |
| RY565-D      | 10FC-RY565-D-006012 | 7/19/2010   | N           | 2           | 12        | in         | C200.7          | 6/20/2011     | NICKEL        | 0.987         | Y           |               |              |           | 0.987         | mg/kg  | 9.66 mg/kg  |
| RY565-D      | 10FC-RY565-D-006012 | 7/19/2010   | N           | 2           | 12        | in         | C200.7          | 6/20/2011     | SILVER        | 0.987         | N           |               |              | U         | 0.987         | mg/kg  | 0.987 mg/kg |
| RY565-D      | 10FC-RY565-D-006012 | 7/19/2010   | N           | 2           | 12        | in         | C200.7          | 6/20/2011     | THALLIUM      | 9.87          | N           |               |              | UJ        | 9.87          | mg/kg  | 9.87 mg/kg  |
| RY565-D      | 10FC-RY565-D-006012 | 7/19/2010   | N           | 2           | 12        | in         | C200.7          | 6/20/2011     | ANTIMONY      | 9.87          | N           |               |              | U         | 9.87          | mg/kg  | 9.87 mg/kg  |
| RY565-D      | 10FC-RY565-D-006012 | 7/19/2010   | N           | 2           | 12        | in         | C200.7          | 6/20/2011     | ARSENIC       | 9.87          | N           |               |              | U         | 9.87          | mg/kg  | 9.87 mg/kg  |
| RY565-D      | 10FC-RY565-D-006012 | 7/19/2010   | N           | 2           | 12        | in         | C200.7          | 6/20/2011     | BARIUM        | 0.987         | Y           |               |              | D         | 0.987         | mg/kg  | 116 mg/kg   |
| RY565-D      | 10FC-RY565-D-006012 | 7/19/2010   | N           | 2           | 12        | in         | C200.7          | 6/20/2011     | CADMIUM       | 0.987         | Y           |               |              | J         | 0.987         | mg/kg  | 1.34 mg/kg  |
| RY565-D      | 10FC-RY565-D-006012 | 7/19/2010   | N           | 2           | 12        | in         | C200.7          | 6/20/2011     | CHROMIUM      | 0.987         | Y           |               |              |           | 0.987         | mg/kg  | 5.83 mg/kg  |

Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result | detect flag | interp. quals | valid. quals | lab quals | report detect | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------|-------------|---------------|--------------|-----------|---------------|-------|--------|-------|
|              |                     |             |             |             |           |            |                 |               |               | limit         |             |               |              |           | limit         |       |        |       |
| RY565-D      | 10FC-RY565-D-006012 | 7/19/2010   | N           | 2           | 12        | in         | C200.7          | 6/20/2011     | COBALT        | 0.987         | Y           |               |              |           | 0.987         | mg/kg | 3.55   | mg/kg |
| RY565-D      | 10FC-RY565-D-006012 | 7/19/2010   | N           | 2           | 12        | in         | C200.7          | 6/20/2011     | ZINC          | 4.93          | Y           |               |              |           | 4.93          | mg/kg | 228    | mg/kg |
| RY565-D      | 10FC-RY565-D-006012 | 7/19/2010   | N           | 2           | 12        | in         | C200.7          | 6/20/2011     | SELENIUM      | 9.87          | Y           |               |              | J         | 9.87          | mg/kg | 14.2   | mg/kg |
| RY565-E      | 10FC-RY565-E-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | ALUMINUM      | 10.1          | Y           |               |              |           | 10.1          | mg/kg | 7460   | mg/kg |
| RY565-E      | 10FC-RY565-E-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | MAGNESIUM     | 50.6          | Y           |               |              |           | 50.6          | mg/kg | 3520   | mg/kg |
| RY565-E      | 10FC-RY565-E-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | IRON          | 50.6          | Y           |               |              |           | 50.6          | mg/kg | 8980   | mg/kg |
| RY565-E      | 10FC-RY565-E-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | POTASSIUM     | 127           | Y           |               |              |           | 127           | mg/kg | 1370   | mg/kg |
| RY565-E      | 10FC-RY565-E-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | SODIUM        | 127           | N           |               |              | U         | 127           | mg/kg | 127    | mg/kg |
| RY565-E      | 10FC-RY565-E-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | CALCIUM       | 50.6          | Y           |               |              |           | 50.6          | mg/kg | 3640   | mg/kg |
| RY565-E      | 10FC-RY565-E-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | MANGANESE     | 1.01          | Y           |               |              |           | 1.01          | mg/kg | 396    | mg/kg |
| RY565-E      | 10FC-RY565-E-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | BERYLLIUM     | 1.01          | N           |               |              | U         | 1.01          | mg/kg | 1.01   | mg/kg |
| RY565-E      | 10FC-RY565-E-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | COPPER        | 1.01          | Y           |               |              |           | 1.01          | mg/kg | 14.2   | mg/kg |
| RY565-E      | 10FC-RY565-E-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | VANADIUM      | 5.06          | Y           |               |              | J         | 5.06          | mg/kg | 10.1   | mg/kg |
| RY565-E      | 10FC-RY565-E-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | LEAD          | 2.53          | Y           |               |              |           | 2.53          | mg/kg | 50.9   | mg/kg |
| RY565-E      | 10FC-RY565-E-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | MOLYBDENUM    | 1.01          | Y           |               |              | J         | 1.01          | mg/kg | 1.02   | mg/kg |
| RY565-E      | 10FC-RY565-E-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | NICKEL        | 1.01          | Y           |               |              |           | 1.01          | mg/kg | 6.63   | mg/kg |
| RY565-E      | 10FC-RY565-E-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | SILVER        | 1.01          | N           |               |              | U         | 1.01          | mg/kg | 1.01   | mg/kg |
| RY565-E      | 10FC-RY565-E-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | THALLIUM      | 10.1          | N           |               |              | UJ        | 10.1          | mg/kg | 10.1   | mg/kg |
| RY565-E      | 10FC-RY565-E-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | ANTIMONY      | 10.1          | N           |               |              | U         | 10.1          | mg/kg | 10.1   | mg/kg |
| RY565-E      | 10FC-RY565-E-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | ARSENIC       | 10.1          | N           |               |              | U         | 10.1          | mg/kg | 10.1   | mg/kg |
| RY565-E      | 10FC-RY565-E-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | BARIUM        | 1.01          | Y           |               |              |           | 1.01          | mg/kg | 121    | mg/kg |
| RY565-E      | 10FC-RY565-E-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | CADMIUM       | 1.01          | N           |               |              | U         | 1.01          | mg/kg | 1.01   | mg/kg |
| RY565-E      | 10FC-RY565-E-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | CHROMIUM      | 1.01          | Y           |               |              |           | 1.01          | mg/kg | 5.2    | mg/kg |
| RY565-E      | 10FC-RY565-E-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | COBALT        | 1.01          | Y           |               |              |           | 1.01          | mg/kg | 4.73   | mg/kg |
| RY565-E      | 10FC-RY565-E-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | ZINC          | 5.06          | Y           |               |              |           | 5.06          | mg/kg | 70.6   | mg/kg |
| RY565-E      | 10FC-RY565-E-000002 | 7/19/2010   | N           | 0           | 2         | in         | C200.7          | 6/20/2011     | SELENIUM      | 10.1          | Y           |               |              | J         | 10.1          | mg/kg | 10.8   | mg/kg |
| RY565-E      | 10FC-RY565-E-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | ALUMINUM      | 10.2          | Y           |               |              |           | 10.2          | mg/kg | 5680   | mg/kg |
| RY565-E      | 10FC-RY565-E-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | MAGNESIUM     | 51.0          | Y           |               |              |           | 51.0          | mg/kg | 3160   | mg/kg |
| RY565-E      | 10FC-RY565-E-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | IRON          | 51.0          | Y           |               |              |           | 51.0          | mg/kg | 8000   | mg/kg |
| RY565-E      | 10FC-RY565-E-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | POTASSIUM     | 127           | Y           |               |              |           | 127           | mg/kg | 1380   | mg/kg |
| RY565-E      | 10FC-RY565-E-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | SODIUM        | 127           | N           |               |              | U         | 127           | mg/kg | 127    | mg/kg |
| RY565-E      | 10FC-RY565-E-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | CALCIUM       | 51.0          | Y           |               |              |           | 51.0          | mg/kg | 1910   | mg/kg |
| RY565-E      | 10FC-RY565-E-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | MANGANESE     | 1.02          | Y           |               |              |           | 1.02          | mg/kg | 244    | mg/kg |
| RY565-E      | 10FC-RY565-E-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | BERYLLIUM     | 1.02          | N           |               |              | U         | 1.02          | mg/kg | 1.02   | mg/kg |
| RY565-E      | 10FC-RY565-E-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | COPPER        | 1.02          | Y           |               |              |           | 1.02          | mg/kg | 10.5   | mg/kg |
| RY565-E      | 10FC-RY565-E-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | VANADIUM      | 5.10          | Y           |               |              | J         | 5.10          | mg/kg | 8.45   | mg/kg |
| RY565-E      | 10FC-RY565-E-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | LEAD          | 2.55          | Y           |               |              |           | 2.55          | mg/kg | 73.6   | mg/kg |
| RY565-E      | 10FC-RY565-E-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | MOLYBDENUM    | 1.02          | N           |               |              | U         | 1.02          | mg/kg | 1.02   | mg/kg |
| RY565-E      | 10FC-RY565-E-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | NICKEL        | 1.02          | Y           |               |              |           | 1.02          | mg/kg | 6.04   | mg/kg |
| RY565-E      | 10FC-RY565-E-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | SILVER        | 1.02          | N           |               |              | U         | 1.02          | mg/kg | 1.02   | mg/kg |
| RY565-E      | 10FC-RY565-E-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | THALLIUM      | 10.2          | N           |               |              | UJ        | 10.2          | mg/kg | 10.2   | mg/kg |
| RY565-E      | 10FC-RY565-E-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | ANTIMONY      | 10.2          | N           |               |              | U         | 10.2          | mg/kg | 10.2   | mg/kg |
| RY565-E      | 10FC-RY565-E-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | ARSENIC       | 10.2          | N           |               |              | U         | 10.2          | mg/kg | 10.2   | mg/kg |
| RY565-E      | 10FC-RY565-E-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | BARIUM        | 1.02          | Y           |               |              |           | 1.02          | mg/kg | 101    | mg/kg |
| RY565-E      | 10FC-RY565-E-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | CADMIUM       | 1.02          | N           |               |              | U         | 1.02          | mg/kg | 1.02   | mg/kg |
| RY565-E      | 10FC-RY565-E-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | CHROMIUM      | 1.02          | Y           |               |              |           | 1.02          | mg/kg | 5.49   | mg/kg |
| RY565-E      | 10FC-RY565-E-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | COBALT        | 1.02          | Y           |               |              |           | 1.02          | mg/kg | 4.01   | mg/kg |
| RY565-E      | 10FC-RY565-E-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | ZINC          | 5.10          | Y           |               |              |           | 5.10          | mg/kg | 55.8   | mg/kg |



Appendix D - Analytical Data for CLP Analyses - 2009 and 2010 - Flat Creek/IMM RI

| sys loc code | sys sample code     | sample date | sample type | start depth | end depth | depth unit | analytic method | analysis date | chemical name | report result limit | detect flag | interp. quals | valid. quals | lab quals | report detect limit | unit  | result | unit  |
|--------------|---------------------|-------------|-------------|-------------|-----------|------------|-----------------|---------------|---------------|---------------------|-------------|---------------|--------------|-----------|---------------------|-------|--------|-------|
| RY565-E      | 10FC-RY565-E-002006 | 7/19/2010   | N           | 2           | 6         | in         | C200.7          | 6/20/2011     | SELENIUM      | 10.2                | Y           |               |              | J         | 10.2                | mg/kg | 23.4   | mg/kg |
| RY565-E      | 10FC-RY565-E-006012 | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | ALUMINUM      | 9.91                | Y           |               |              |           | 9.91                | mg/kg | 5660   | mg/kg |
| RY565-E      | 10FC-RY565-E-006012 | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | MAGNESIUM     | 49.6                | Y           |               |              |           | 49.6                | mg/kg | 3060   | mg/kg |
| RY565-E      | 10FC-RY565-E-006012 | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | IRON          | 49.6                | Y           |               |              |           | 49.6                | mg/kg | 8740   | mg/kg |
| RY565-E      | 10FC-RY565-E-006012 | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | POTASSIUM     | 124                 | Y           |               |              |           | 124                 | mg/kg | 1450   | mg/kg |
| RY565-E      | 10FC-RY565-E-006012 | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | SODIUM        | 124                 | Y           |               |              | J         | 124                 | mg/kg | 392    | mg/kg |
| RY565-E      | 10FC-RY565-E-006012 | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | CALCIUM       | 49.6                | Y           |               |              |           | 49.6                | mg/kg | 2850   | mg/kg |
| RY565-E      | 10FC-RY565-E-006012 | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | MANGANESE     | 0.991               | Y           |               |              |           | 0.991               | mg/kg | 290    | mg/kg |
| RY565-E      | 10FC-RY565-E-006012 | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | BERYLLIUM     | 0.991               | N           |               |              | U         | 0.991               | mg/kg | 0.991  | mg/kg |
| RY565-E      | 10FC-RY565-E-006012 | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | COPPER        | 0.991               | Y           |               |              |           | 0.991               | mg/kg | 16     | mg/kg |
| RY565-E      | 10FC-RY565-E-006012 | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | VANADIUM      | 4.96                | Y           |               |              | J         | 4.96                | mg/kg | 9.88   | mg/kg |
| RY565-E      | 10FC-RY565-E-006012 | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | LEAD          | 2.48                | Y           |               |              |           | 2.48                | mg/kg | 983    | mg/kg |
| RY565-E      | 10FC-RY565-E-006012 | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | MOLYBDENUM    | 0.991               | N           |               |              | U         | 0.991               | mg/kg | 0.991  | mg/kg |
| RY565-E      | 10FC-RY565-E-006012 | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | NICKEL        | 0.991               | Y           |               |              |           | 0.991               | mg/kg | 6.3    | mg/kg |
| RY565-E      | 10FC-RY565-E-006012 | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | SILVER        | 0.991               | Y           |               |              |           | 0.991               | mg/kg | 9.12   | mg/kg |
| RY565-E      | 10FC-RY565-E-006012 | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | THALLIUM      | 9.91                | N           |               |              | UJ        | 9.91                | mg/kg | 9.91   | mg/kg |
| RY565-E      | 10FC-RY565-E-006012 | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | ANTIMONY      | 9.91                | Y           |               |              | J         | 9.91                | mg/kg | 43.7   | mg/kg |
| RY565-E      | 10FC-RY565-E-006012 | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | ARSENIC       | 9.91                | Y           |               |              | J         | 9.91                | mg/kg | 18.1   | mg/kg |
| RY565-E      | 10FC-RY565-E-006012 | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | BARIUM        | 0.991               | Y           |               |              |           | 0.991               | mg/kg | 111    | mg/kg |
| RY565-E      | 10FC-RY565-E-006012 | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | CADMIUM       | 0.991               | Y           |               |              |           | 0.991               | mg/kg | 8.29   | mg/kg |
| RY565-E      | 10FC-RY565-E-006012 | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | CHROMIUM      | 0.991               | Y           |               |              |           | 0.991               | mg/kg | 5.33   | mg/kg |
| RY565-E      | 10FC-RY565-E-006012 | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | COBALT        | 0.991               | Y           |               |              |           | 0.991               | mg/kg | 3.89   | mg/kg |
| RY565-E      | 10FC-RY565-E-006012 | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | ZINC          | 4.96                | Y           |               |              |           | 4.96                | mg/kg | 440    | mg/kg |
| RY565-E      | 10FC-RY565-E-006012 | 7/19/2010   | N           | 6           | 12        | in         | C200.7          | 6/20/2011     | SELENIUM      | 9.91                | N           |               |              | U         | 9.91                | mg/kg | 9.91   | mg/kg |